adam

IAP Cover Sheet Version Name: Period 12 Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Approved By

Federal OSC:

Adams, Adam

Jefferson County Judge:

Branick, Jeff

State OSC:

Jefferson, Alma

EOC Manager:

Wright, Mike

Incident Action Plan

Notes

MAY CONTAIN PERSONAL IDENTIFYING INFORMATION, CONFIDENTIAL INFORMATION, OR SENSITIVE SECURITY INFORMATION. MAY BE EXEMPT FROM DISCLOSURE UNDER THE FREEDOM OF INFORMATION ACT OR TEXAS PUBLIC INFORMATION ACT



IAP Cover Sheet Prepared By IAP Support, Updated 12/09/2019 15:20 UTC -6:00 PP INCIDENT ACTION PLAN SOFTWARETM Printed 12/09/2019 16:36 UTC -6:00 L of 82 © TRG

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Weather Report Version Name: 20191209 @ 1615 Incident Name: South 4 Group Fire Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00] Present Conditions Weather Conditions as of 12/09/2019 16:15 beaumont/port ar station id: MID KBPT Temperature: 79° Fahrenheit Feels Like: 79° Fahrenheit Dew Point: 72° Fahrenheit Wind Speed: 13 mph Wind Direction (from): S Pressure: 29.84 Visibility: 10 mile(s) **UV Index:** Humidity (%): 79 % Sunrise: 07:00 Short Description: Mostly Cloudy Sunset: 17:16 Full Description: Mostly Cloudy **Current Speed:** Wave Height: feet Wave Direction: Current Direction (to): Water Temperature: ° Fahrenheit Swell Interval: day(s) Forecast Date Night A 20 percent chance of showers Showers, mainly after 1am. Low and thunderstorms. Partly around 63. South wind around 5 sunny, with a high near 79. mph becoming north after midnight. South wind around 10 mph. Chance of precipitation is 80%. New precipitation amounts between a tenth and quarter of an inch Mon possible. 12/09/2019 Chance of Precipitation(%): 20% Chance of Precipitation(%): 82% Wind: 11 mph Wind: 4 mph 79 F 61 F Showers. Temperature falling to Showers likely, mainly before around 49 by 5pm. North wind 5 midnight. Cloudy, with a low around 41. North wind around 15 to 15 mph, with gusts as high as 30 mph. Chance of precipitation mph, with gusts as high as 30 mph. is 100%. New precipitation Chance of precipitation is 60%. amounts between a half and three quarters of an inch Tue possible. 12/10/2019 Chance of Precipitation(%): 42% Chance of Precipitation(%): 100% Wind: 5-15 mph Wind: 12 mph 63 F 39 F Mostly clear, with a low around 42. Mostly sunny, with a high near 56. Northeast wind 5 to 10 mph, Northeast wind around 10 mph. with gusts as high as 20 mph. Wed 12/11/2019 Chance of Precipitation(%): 5% Chance of Precipitation(%): 6% Wind: 5-10 mph Wind: 7 mph 56 F 40 F Tides Weather Report Prepared By Planning Section, Updated 12/09/2019 16:21 UTC -6: PP © TRG INCIDENT ACTION PLAN SOFTWARE™ 3 of 82 Printed 12/09/2019 16:36 UTC -6:00

Weather R	eport				Version Name: 20191209 @ 1615
Incident Name	e: South 4	Group Fire	;		Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]
	Tide	Height	UOM	Тіте	Tide Station Location
	High	0.772	feet	01:22	Port Arthur, Tx Us
Mon	Low	-0.201	feet	09:08	Port Arthur, Tx Us
12/09/2019	High	0.717	feet	17:42	Port Arthur, Tx Us
	Low	0.691	feet	20:15	Port Arthur, Tx Us
***************************************	High	0.8	feet	01:36	Port Arthur, Tx Us
Tue	Low	-0.33	feet	09:33	Port Arthur, Tx Us
12/10/2019	High	0.762	feet	18:32	Port Arthur, Tx Us
	Low	0.741	feet	20:54	Port Arthur, Tx Us
Wed	High	0.831	feet	01:53	Port Arthur, Tx Us
12/11/2019	Low	-0.429	feet	10:05	Port Arthur, Tx Us
	<u>.I.</u>	<u> </u>		<u> </u>	

ICS 202 - Incident Objectives	Version Name: Period 1
Incident Name: South 4 Group Fire	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:0
	Objective
Ensure the Safety of the Public and Response Personnel	
Maximize Protection of Environmentally-Sensitive Areas	
Stabilize the Incident and Protect Unaffected Assets and Phy	ysical Infrastructure
Contain, Recover, and Dispose of Spilled Material	
Manage Coordinated Response Effort	
Keep Stakeholders, Local Government, and Public Informed	
Operational Period Command Emphasis (Sa	afety Message, Priorities, Key Decisions/Directions)
Ensure proper Site Safety Plan and Risk Analysis when cond	ducting tactics.
Support mandatory evacuation/shelter, if ordered.	
Support rehab for first responders.	
Maintain situational awareness including atmospheric conditi	ions.
Establish estimated inventory of remaining product.	
Maintain an inventory of fire fighting water volume and remai being used and remaining inventory.	ning containment capacity. Maintain record of fire suppression foar
Establish and maintain an approved air monitoring plan with	a public health component.
Establish and maintain Document Retention, especially in reg	gards to decision making documents.
Prioritize the prevention of incident related materials from bei	ing discharged into the Neches River.
Minimize emissions and odors.	
Be delibrative in your actions.	
CS 202 - Incident Objectives	Prepared By IAP Support, Updated 12/09/2019 14:17 UTC -6:00 F
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ICS 202a - Command Direction Version Name: Period 12 Incident Name: South 4 Group Fire Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00] **Priorities** People (Life Safety) Assets **Environment Protection** Incident Stabilization Protect Transportation Infrastructure Waterway Management Public and Stakeholder Engagement Evidence Preservation **Property Preservation** Society Restoration/Business Continuity Information Management Resumption of Commerce Reputation Limitations and Constraints

- Weather Conditions
- **Night Operations**
- Location of the Incident
- Availability/Shortfall of Resources
- Transportation/Logistics
- Support Infrastructure
- Permits (Authorization to Apply Alternate Response Techniques)
- Wildlife Activities (Fish, Birds, etc.)
- Access to Shoreline (Private vs Public Lands)
- Spilled Material Characteristics (Monitoring/PPE Requirements)
- Public Health
- Community/Media Perception
- Changes in Evacuation or SIP Orders, as Ordered by Jefferson County Judge
- Evidence Preservation
- Work/Rest Rotation Requirements
- Disposal of Waste
- Jurisdictional Issues

ICS 202a - Command Direction		Prepared By IAP Support, Updated 12/09/2019 09:36 UTC -6:00 F		
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Incident Name: South 4 Group Fire	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]
ICS 202a - Command Direction	Version Name: Period 12

Key Decisions and Procedures

Key Decisions

- Makeup of UC Federal, State, Local, & RP
- Name of Incident = South 4 Group Fire
- Overall Response Organization Staffing
 - Operations Section Chief & Deputy OSC = TPC
 - Planning Section Chief & Deputy PSC = TPC
 - Logistics Section Chief = TPC
 - Finance Section Chief = TPC
 - Safety Officer = TPC
 - Public Information Officer = TPC
 - Liaison Officer = TPC
 - Environmental Unit Leader = TPC

Note: section chiefs have full authority on filling positions; however, ensure agencies are integrated into the organization

- Command Post 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Joint Information Center 3501 Turtle Creek Dr., port Arthur, Tx 77642
- Operational Period and work hours 48 Hour Ops Period from 0600hrs to 0600hrs
- All external releases of information should be approved by UC (Press releases and press conferences)
- Any resource request over \$10,000(pending logistics) should be approved by EOC Manager
- Any issues around waterway management will be managed, as required, with the USCG

Procedures

- Resource Requests / Ordering Process (ICS 213 RR)
- · Press Releases / External Reporting Procedures Done
- · External Reporting Review & Approval Process Planning Cycle
- Operational Security Process TRG Lanyards and Badges
- · Documentation Process and Guidelines IAP Software, following document retention
- · Finance Operating Guidelines Is deployed
- Claims Process Number established (866) 601-5880
- Demobilization Process
- Shoreline Cleanup Assessment Techniques As applicable

ICS 202a - Command Direction		Prepared By IAP Support, Upda	ated 12/09/2019 09:36 UTC -6:00 PP
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Incident Name: South 4 Group Fire	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]
ICS 202b - Critical Information Requirements	Version Name: Period 12

Critical Incident Reporting Threshold (Critical Information Reports):

Notify Unified Command Immediately for any of the Following:

- · Injury Beyond First Aid or Death
- Evacuations
 - Any Change to Evacuation/SIP Order
- Any Air Monitoring Results Exceeding Action Levels
- Critical Response Equipment Status Change
- Change in the Source Status
- Critical Weather Events
- Public Infrastructure Closures (Parks, Boat Ramps, Railroads, Roads, etc.)
- Protests / Demonstrations
- · Significant Security Issues
- · Breach of Safety Zone
- VIP Visits
- Dead or Oil Impacted Wildlife
- · Adverse Media Coverage or Stakeholder Input
- Affected Public Seeking Medical Attention
- Significant Response Events
- Impacts to Commerce
- Any Unaccounted For or Unauthorized Personnel in the Field
- · Special Requests from Agencies
- Impacts to Water Intake of the Neches River
 - Release of Sheen or Product to the Neches River
- · When Containment Level of Any Area, Including Outfall Area, Reaches Critical Levels

ROUTINE REPORTING:

Situation Unit:

- Progress Report ICS-209 Incident Status Summary with Executive Summary (Daily Report 1800hrs)
- Live Common Operating Picture (Displays Ongoing)
- Spot Weather Report, Trajectories & Meeting Schedule (Displays Hourly)
 - Command and General Staff Meeting 1900hrs at New ICP (Rest of Meeting Schedule to Follow)

Operations:

- Operational Status Update Prior to Objectives Meeting & Key Trigger Points in the Response (Milestones/Operational Constraints/Challenges/Future OPS) from OSC/PSC/Logistics) - (Briefing)
- Fire Water Reportout, Including Fire Water Runoff/Discharged to Both Wastewater Treatment and Outfall (0600 Operations Briefing)

Liaison Officer:

- Agencies Assigned to Incident Listing (Report 0800hrs)
- Adversely Impacted and Involved Stakeholders Listing (Report 0800hrs)

Public Information Officer:

- Media Talking Points from PIO (Daily Report 0800hrs)
- PIO to Report on Media Climate (Report/Briefing 0800hrs)

Finance:

- Burn Rate from Finance (Report 0800hrs)
- Updated Claims Information (Report 0800hrs)

ICS 202b - Critical Information Requirements		Prepared By IAP Support, Updated 12/09/2019 09:36 UTC -6:00 P		
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ICS 203 - Organization Ass	signment List		Version Name: 20191210	
Incident Name: South 4 Group Fir	re	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]		
Command		Operations Section		
State OSC Night (On-Call)	Kirksey, Sarah	Air Monitoring Group	Scott, Alex	
Incident Commander Day	McDonald, Scott	Air Monitoring Group	Davis, Jason	
Safety Officer Field Day	Smart, Jeremy	Air Monitoring Group	Tijerina, Pamella	
Public Information Officer	Cronin, Sara	Air Monitoring Group	Layton, Jillian	
Liaison Officer Day	Sanders, Jason	Air Monitoring Group	Turner, Michael	
EOC Manager Night	Carlton, Doug	Air Monitoring Group	Tighe, Daniel	
		Air Monitoring Group	Easton, Linda	
ICS Technical Specialist Day	Pasquier, John	Air Ops Group Supervisor	Allen, Bryce	
Local Government OSC	White, Michael	Asbestos & Debris Recovery Group	Henault, Andrew	
EOC Manager Day	Monk, Troy	Decontamination Group	McMullin, Tami	
Federal OSC Day	Adams, Adam	Deputy Operations Section Chief	Hutto, David	
Incident Commander Night	Hollier, Kurt	Division A Supervisor	Garcia, Thomas	
Safety Officer Day	Clifton, Chrisy	Division B Supervisor	Williams, Jordan	
Safety Officer Night	Dorsa, Clayton	Division C Supervisor	Blanchard, Leland	
State OSC Day	Davila, Hope	Division D Supervisor	Bowers, Daniel	
Deputy Federal OSC	Patel, Anish	Division E Supervisor	Williams, Jordan	
ICS Technical Specialist Night	Torres, Joe	Env Sampling Group	Allaby, Eric	
Liaison Officer Night	Jascek, Becky	Env Sampling Group	Gueringer, Jeremy	
Safety Officer Field Night	Hanks, Scot	Env Sampling Group	Tighe, Daniel	
Deputy Federal OSC	Fisher, Bray	Environmental Specialist	Miller, Mike	
	li isiler, bray	Environmental Specialist	Broomes, Ebunoluwa	
Planning Section		Evidence Preservation	Montoya, John	
Demobilization Unit Leader Documentation Unit Leader	Koon, Sean	Fire Suppression Group Supervisor Day	Holly, Chad	
GIS Specialist	Moore, Josh Gray, Kevin	Fire Suppression Group Supervisor	Williams, James	
Planning Section Chief Day	LaFollette, Michael	– Night	,	
Planning Section Chief Night	Park, Johnny	Huntsman Gate 44 - Staging Area	Carlisle, Bryan	
Resource Unit Leader	Nail, Johnny	Manager Main Gate Staging Area	McGlothin, Jack	
Situation Unit Leader	Shook, Anthony	OPERA Staging Area	Hellickson, Jacob	
Technical Liaison	Heimeyer, Nathan	Operations Section Chief Day	Lynn, Mike	
Technical Liaison	Harrison, Chrstopher	Operations Section Chief Night	Carlton, Doug	
		Recovery & Protection Branch Director	Blanchard, Cory (Clean Harbors)	
		SCAT Group	TGLO	
		Staging Area Manager	TRG -Hellickson, Jacob	
		Staging Branch Director	Dainwood, Mikel	
		Support Services Branch Director	Sanders, Jason	
		Support Services Branch Director	Shawnwnek, Sean	
		TPC Docks Staging Area Manager	Smart, Jeremy	
		UAS - Aircraft Coordinator	Cameron, Chris	
		Waste Management Group Supervisor	Mcmullian, Tami	
ICS 203 - Organization Assignn	nent List	Prepared By Planning Section, Upd	ated 12/09/2019 15:30 UTC -6: PP	
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ICS 203 - Organization Assi	gnment List				Version Name: 20191	
Incident Name: South 4 Group Fire			Period: Period 12 [12	2/10/201	9 06:00 - 12/12/2019 06	
Logistics Section			Water Sampling Group		Allaby, Eric	
Communications Unit Leader Day	Hutto, David		Water Sampling Group	Water Sampling Group		
Communications Unit Leader Night	Block, Michael		Water Sampling Group	***************************************	Reilly, Michael	
Facilities Unit Leader			Water Sampling Group		Perez, Angela	
Food Unit Leader			Wildlife Branch Director		Iseton, Claire	
Ground Support Unit Leader	Moore, Jeff		Wildlife Response Manager		Riesinger, Joyce	
Logistics Section Chief Day	Wiszmann, Mike		Finance Section		•	
Deputy Logistics Section Chief	Dupuis, Philip	***************************************	Compensation/Claims Unit	Leader		
Day			Finance Section Chief Day		Nelson, Jacqueline	
Deputy Logistics Section Chief Night			Finance Section Chief Night	<u> </u>	Sanders, Ashley	
Medical Unit Leader			Finance Section Chief Night	<u> </u>	Marshall, Linda	
Service Branch Director			Finance Section Chief Night	<u> </u>		
Staging Coordinator	Comer, Lynn		P2P		Estes, Marty	
Staging Coordinator	Mcglothin, Lloy	vd	Procurement Unit Leader D	ay	Burke, Dona	
Supply Unit Leader	eg.ea, .e,	<i>y</i> ~	Procurement Unit Leader N	iaht	Koskie, Bill	
			I roodicilient Offit Ecuaci 14	9,10		
			- Troduction of the Leader 14	9.11		
Support Branch Director			- Trocure ment emit Ecader 14		p. ce.s.e, 2	
Support Branch Director Other Sections / Positions		Position	Trocure ment emit Ecader N			
Support Branch Director Other Sections / Positions Section		Position		Pers	on	
Support Branch Director Other Sections / Positions Section			nation Gathering/Website	Pers		
Support Branch Director Other Sections / Positions Section JIC		APIO Inforn Specialist		Pers Lamb	on	
Support Branch Director Other Sections / Positions Section JIC		APIO Inforn Specialist	nation Gathering/Website	Personal Lamb	on perth, Erika	
Support Branch Director Other Sections / Positions Section JIC JIC JIC		APIO Inform Specialist APIO Inform PIO	nation Gathering/Website	Person Lamb	on perth, Erika ner, Alisha	
Support Branch Director Other Sections / Positions Section JIC JIC JIC JIC		APIO Inform Specialist APIO Inform PIO Information	nation Gathering/Website	Person Lamb Prath Cron Doug	on perth, Erika ner, Alisha in, Sara	
Support Branch Director Other Sections / Positions Section JIC JIC JIC JIC JIC JIC		APIO Inform Specialist APIO Inform PIO Information	nation Gathering/Website nation Products Products - Writer a Specialist	Personal Lamb	on perth, Erika ner, Alisha in, Sara ghty, Haley	
Support Branch Director Other Sections / Positions		APIO Inform Specialist APIO Inform PIO Information Social Medi	nation Gathering/Website nation Products Products - Writer a Specialist er tions	Person Lamb Prath Cron Doug Watk Prath	on perth, Erika ner, Alisha in, Sara ghty, Haley tinson, Anastasia	

ICS 203 - Organization Assignment List		Prepared By Planning Section, Updated 12/09/2019 15:30 UTC -6; Pt		
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	oup Fire			Period: Period	12 [12/10/2019 06:	00 - 12/12/20	019 06:0
			Operations P	ersonnel			
Position	Name		Affiliation		Contact Number	(s) Work S	hift
Operations Section Chief	Carlton,	Doug	TPC Group		(b) (6)	2nd Shi	ft
Operations Section Chief	Lynn, Go	ordon	TPC Group		(b) (6)	1st Shif	t
Support Services Branch Director	Sanders	, Jason	TPC Group	TPC Group		Day Sh	ift
Support Services Branch Director	Jaschek	, Rebecca	TPC Group	TPC Group		Day Sh	ift
Support Services Branch Director	Wnek, Shawn		СТЕН		(b) (6)	Day Sh	ift
Support Services Branch Director	Easton, Linda		СТЕН		(b) (6)	Day Sh	ift
Air Monitoring Group	Scott, Al	ес	CTEH		(b) (6)	Day Sh	ift
Air Monitoring Group	Davis, Ja	ason	CTEH		(b) (6)	Night S	hift
Air Monitoring Group	Tijerina,	Pamella	CTEH		(b) (6)	Day Sh	ift
Air Monitoring Group	Layton,	Jillian	TCEQ		409-728-3975	Day Sh	ift
Air Monitoring Group	Tighe, D	aniel	EPA Region 6		713-397-1550	Day Sh	ift
			Resources F	Required			
Area Of Operation		Resource K	ind	Description		Quantity	Size
Air Monitoring Group		Equipment:	Safety	Benzen Tubes		10 each	
Air Monitoring Group			MultiRAE	Air Monitor - MultiRAE		65 each	
Air Monitoring Group	Air Monitor - U		UltraRAE	Air Monitor - UltraRAE		51 each	
Air Monitoring Group	oup Air Monitoring		Technician TPC (CTEH) Air		r Monitoring Tech	33 each	
Air Monitoring Group		Equipment:	Safety	Butadiene Tubes		20 each	
Air Monitoring Group		Air Monitorin	g Technician	EPA (START-Weston) Air Monitoring Tech		4 each	
Air Monitoring Group		Air Monitorin	g Technician	TCEQ (NRC) Air Monitoring Tech		8 each	
Air Monitoring Group		Equipment:	Safety	Air Monitor - DRAGER X-PID		25 each	
Air Monitoring Group		Equipment:	Safety	AM510/AM520		24 each	
Air Monitoring Group		Aircraft: Fixe	d Wing	ASPECT - Air Monitoring Aircraft		1 each	feet
Air Monitoring Group		Air Monitor -	AreaRAE	Air Monitor - AreaRAE		29 each	
Air Monitoring Group		Manpower: F	Responder	Analytical Team		15 each	
Air Monitoring Group		Manpower: §	Supervisor	Facility Supervi	sor	1 each	
Air Monitoring Group		Manpower: F	Responder	IH Strike Team		9 each	
Air Monitoring Group		Manpower: F	Responder	Facility Air Mon	itoring	9 each	
Air Monitoring Group		Equipment:	Safety	Ludlum		1 each	
Air Monitoring Group		UTV		UTV		3 each	
Air Monitoring Group		Equipment:	Safety	Acid Analytical	Air Sample Pump	114 each	

ignment List Group: A	ir Monitoring Grou
outh 4 Group Fire Period: Period 12 [12/10/2019 06:00	- 12/12/2019 06:00
Assignments	
activities are to be conducted in accordance with the Air Monitoring Plan. For all areas as directed safe to do so. Continuous and roving detecting air gas monitoring to be conducted by trained multi-gas monitors.	
oling will continue in the 4-mile radius and the surrounding area as it has since the incident be eas where sampling results indicate elevated results.	gan. Technicians
ston) - Two 2-person teams (DAY) and One 2-person team (NIGHT) roving team conducting communities.	air monitoring
will fly for air monitoring if needed.	
day personnel and 4 night personnel roving team conducting air monitoring downwind in the	communities.
ilize roaming air monitors within the area, as well as the surrounding community.	
air monitoring collecting analytical samples that are being sent for asbestos, PNAH, and hydr	ocarbons.
occurring in multiple areas where spill mitigation and remediation activities are occurring, incl	uding staging area
e air monitoring with off-site and on-site air monitoring stations in order to monitor the commund AreaRAEs. AreaRAE units are deployed at fixed locations and readings will be monitored remonitoring Group to allow for rapid recognition, communication and response to changing c	in a centralized
ployment locations are established based on plume projections.	
and Operations on established schedule except for action level exceedances which should be	e reported
ction of readings are observed, personnel will be instructed to deploy to site to confirm the de neld real time instrument. Monitor changing environmental conditions and notify operations so b. Data managers onsite will provide data summaries and support.	
are deployed on the fenceline and within the facility. A new procedure that will require addition 4 Dragers; incident command trailer.	onal personnel to
Special Instructions	
and maintain communications at all times.	
or distressed wildlife to 409-239-4725.	
N: AVING the incident and NOT coming back, please call 713-748-9108 upon safe return home	
Special Environmental Considerations	
AVING the incident and NOT coming back, please call 713-748-9108 upon safe return home	

ICS 204 - Assignment List			Updated 12/08/2019 16:26 UTC -6:00
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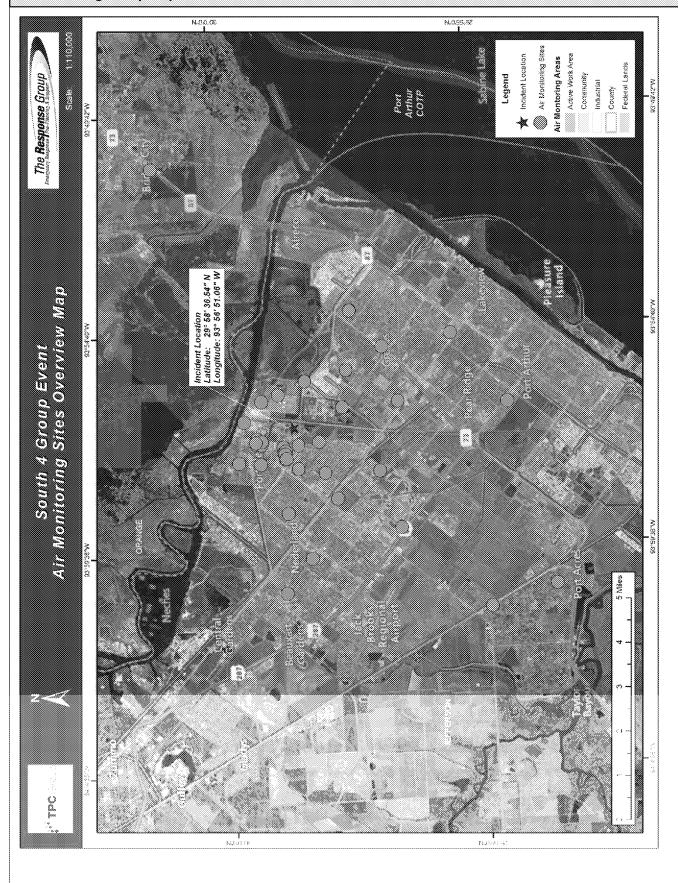
ICS 204 - Assignment List		Group: Air Monitoring Group
Incident Name: South 4 Group Fire	Period: Period 12 [12/10/	[2019 06:00 - 12/12/2019 06:00]
	c Safety Considerations	-
Wear SCBA while in the Exclusion Zone. Stay out of smoke pl	ume.	
Immediately leave area with elevated readings above the air m	nonitoring action limit.	
Be aware of surroundings and vehicle traffic.		
Be aware of wildlife while working around/near water and high	grassy areas.	
Personal flotation device required if within 3' of bodies of water	(canals, deep ditches, etc.).	
Immediately report safety incidents and concerns to your supe	rvisor.	
Stay hydrated.		
ICS 204 - Assignment List		Updated 12/08/2019 16:26 UTC -6:00
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Group: Air Monitoring Group

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Air Monitoring Group Map



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ICS 204 - Assignmen	ıt List		Group: Asbestos & Debris Recovery Gro							
Incident Name: South 4 Gi	roup Fire		Period: Period	d 12 [12/10/2019 06:00 -	12/12/2019 06:00]					
		Operations Pe	rsonnel							
Position	Name	Affiliation		Contact Number(s)	Work Shift					
Operations Section Chief	Carlton, Doug	TPC Group		(b) (6)	2nd Shift					
Operations Section Chief	Lynn, Gordon	TPC Group		(b) (6)	1st Shift					
Asbestos & Debris Recovery Group	Henault, Andrew	CTEH		(b) (6)	Day Shift					
Recovery & Protection Branch Director	Blanchard, Cory	Clean Harbors E Service Inc. (CH		337-321-2948	Day Shift					

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Area Of Operation	Resource Kind	Description	Quantity	Size
Asbestos & Debris Recovery Group	Safety Personnel	Toxicologist	3 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Asbestos Inspectors (CTEH)	3 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Sampling Team Personnel	5 each	
Asbestos & Debris Recovery Group	Manpower: Supervisor	Asbestos Supervisors(CH)	3 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Asbestos and Debris Removel Tech	42 each	
Asbestos & Debris Recovery Group	Manpower: Supervisor	Asbestos Supervisors (CTEH)	2 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Documentation/Property Specialist	8 each	
Asbestos & Debris Recovery Group	Manpower: Responder	Data Management/IT	2 each	
Asbestos & Debris Recovery Group	UTV	UTV	1 each	

Assignments

Community assessment for the presence of any ACM or incident debris and the sampling, collection and removal.

2 Teams consisting of 1 Toxicologist, 1 health scientist and 1 certified asbestos consultant.

These teams will evaluate homes for the presence or absence of insulation and/or potentially asbestos containing materials (PACM)

in accordance with the UC approved sampling and analysis plan and in response to residential requests to the call center and/or online database.

Conduct Personnel sampling from debris and asbestos clean up crews.

Priorities will be established based on health concerns communicated by the residents.

Should the PACM or other potential terminal debris be found, the asbestos contractor will be notified and material will be collected in accordance with the contractor's plan.

Standby Resources:

2 teams of 4 consisting of abatement sampling and recovery specialist to be deployed when mobilized by the assessment teams.

Conduct rapid photo documentation of all buildings with 1 mile radius.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

ICS 204 - Assignment List			Updated 12/07/2019 17:32 UTC -6:00
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ICS 204 - Assignment Lis	t	Group: Ast	oestos & Debris Recovery Grou
Incident Name: South 4 Group F	ire	Period: Period 12 [12/10	/2019 06:00 - 12/12/2019 06:00
	Commu	nications	
Name / Function	Contact Details		
Safety / Safety	Safety 1		
		ntal Considerations	
Should the PACM or other poten collected in accordance with the	tial terminal debris be found, the contractor's plan.	e asbestos contractor will be notif	fied and material will be
		Safety Considerations	
Be aware of wildlife while working	g around/near water and high gi	rassy areas.	
Steep embankments may exist a	round waterways. Wear flotation	n device within 3' of water.	
Monitor air quality. Immediately l	eave area with readings elevate	d above the action limit.	
Report safety incidents and conc	erns to your immediate supervis	sor.	
Stay hydrated.			
ICS 204 - Assignment List			Updated 12/07/2019 17:32 UTC -6:0
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	nt List					Group: De	con Grou
Incident Name: South 4 G	roup Fire			Period: Period	12 [12/10/2019 06:0	00 - 12/12/20	019 06:00
			Operations	Personnel			
Position	Name		Affiliation		Contact Number(s) Work S	
Operations Section Chief	Carlton, D	oug	TPC Group		(b) (6)	2nd Shi	ift
Operations Section Chief	Lynn, Gor		TPC Group		(b) (6)	1st Shif	t
Decon Group Supervisor	EcoWerks	 }					
			Resources	s Required	1		
Area Of Operation	F	Resource Ki	ind	Description		Quantity	Size
Decon Group		 3oom		Boom		6000 feet	in
Decon Group	E	Equipment: D	Decon	Detergent Wasi 26')	nout of BOAT (16'-	8 each	16 - 24 feet
Decon Group	E	Equipment: D	Decon	Detergent Wasl 35')	nout of BOAT (28'-	1 each	28 - 35 feet
Small Vessel, Equip:			Assigi	nments			
Management Plan.	nss deconta	amination th		ed Decontamination Pla			
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will i	n, Port Arthu	ur, TX, 77642	e vessels will b	oe transported to an incommendation water according to the	lustrial cleaning facil	ity.	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit.	n, Port Arthu	ur, TX, 7764; collected wa	e vessels will be 2. aste and waste Special In	oe transported to an inc	lustrial cleaning facil	ity.	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit. Use proper PPE and main	n, Port Arthumanage all	ur, TX, 7764; collected wa	e vessels will be 2. aste and waste Special In all times.	oe transported to an incommendation water according to the	lustrial cleaning facil	ity.	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit. Use proper PPE and main Report any oiled or distres DEMOBILIZATION:	n, Port Arthumanage all	ur, TX, 7764; collected was inications at to 409-239-	e vessels will be 2. aste and waste Special In all times.	be transported to an incommendation water according to the	lustrial cleaning facil	ity. nt plans and	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit.	n, Port Arthumanage all tain commusesed wildlife	ur, TX, 7764; collected was inications at to 409-239-	e vessels will be 2. Aste and waste and waste and waste all times. 4725.	be transported to an incommendation water according to the	lustrial cleaning facil	ity. nt plans and	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit. Use proper PPE and main Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the	n, Port Arthumanage all tain commused wildlife the incident a	ur, TX, 7764; collected was inications at to 409-239-	e vessels will be 2. Aste and waste and waste and waste all times. 4725.	water according to the structions	lustrial cleaning facil	ity. nt plans and	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit. Use proper PPE and main Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the	n, Port Arthumanage all tain commused wildlife the incident a	ur, TX, 7764; collected was unications at to 409-239- and NOT cor pecial Equip	e vessels will be 2. aste and waste Special In all times. 4725. ming back, pleasoment / Suppli	water according to the structions	lustrial cleaning facil	ity. nt plans and	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit. Use proper PPE and main Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the	n, Port Arthumanage all tain commused wildlife the incident a	ur, TX, 7764; collected was unications at to 409-239- and NOT con pecial Equip	e vessels will be 2. aste and waste Special In all times. 4725. ming back, pleasoment / Suppli	water according to the structions ase call 713-748-9108 ies Needed for Assign	lustrial cleaning facil	ity. nt plans and	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit. Use proper PPE and main Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the	n, Port Arthumanage all tain commused wildlife the incident a	ur, TX, 7764; collected was unications at to 409-239-and NOT corpecial Equipos Specian.	e vessels will be 2. aste and waste Special In all times. 4725. ming back, pleasoment / Supplicate Environment	water according to the structions ase call 713-748-9108 ies Needed for Assign	lustrial cleaning facil	ity. nt plans and	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit. Use proper PPE and main Report any oiled or distres DEMOBILIZATION:	tain commused wildlife the incident a Symmetry	ur, TX, 7764; collected was unications at to 409-239- and NOT cor pecial Equip Specian. Special	e vessels will be 2. aste and waste Special In all times. 4725. ming back, pleasoment / Supplicate Environment Supplicate Specific series Site-Specific	water according to the structions ase call 713-748-9108 ies Needed for Assignatal Considerations	lustrial cleaning facil	ity. nt plans and	
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit. Use proper PPE and main Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Sorbents, Pressure Washer Follow approved Decontar	tain communicated wildlife the incident a System ination Plant water does	ur, TX, 7764; collected was inications at to 409-239- and NOT cor pecial Equip Special Special sn't enter the	Special In all times. 4725. ming back, pleasoment / Supplication Environment Site-Specific standards	water according to the structions ase call 713-748-9108 ies Needed for Assignatal Considerations Safety Considerations	lustrial cleaning facility waste management	nt plans and	l as
Upon completion of the gro EcoWerks: 6200 Procter St. Extension The EcoWerks facility will authorized by permit. Use proper PPE and main Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Sorbents, Pressure Washer Follow approved Decontar	tain commused wildlife the incident a Signature of the manage all water does be of the forming tare.	ur, TX, 7764; collected was inications at to 409-239-4 and NOT cor pecial Equip Special Special on't enter the sk. Immedia	Special In all times. 4725. ming back, pleasoment / Supplication Site-Specification body of water, tely leave area	water according to the structions ase call 713-748-9108 ies Needed for Assignatal Considerations Safety Considerations with elevated readings	lustrial cleaning facility waste management	nt plans and	l as

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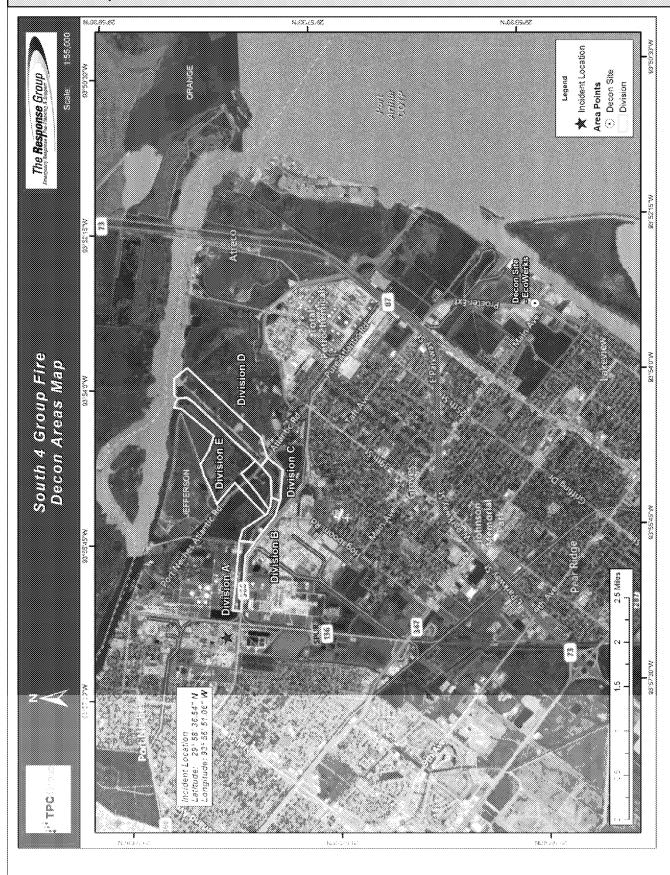
ICS 204 - Assignment Lis	it		Group: Decon Group
Incident Name: South 4 Group F	Fire	Period: Period 12 [12/10	/2019 06:00 - 12/12/2019 06:00]
ICS 204 - Assignment List			Updated 12/08/2019 16:40 UTC -6:00
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Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Group: Decon Group

Decon Sites Map



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					الاال	isioii. i	Division A
ncident Name: South 4 Gro	oup Fire		Period: Perio	d 12 [12/10/2019 0	6:00 - 12	/12/20	19 06:00
		Operations	Personnel				
Position	Name	Affiliation		Contact Number	er(s) W	ork S	hift
Operations Section Chief	Carlton, Doug	TPC Group		(b) (6)	2n	nd Shif	1
Operations Section Chief	Lynn, Gordon	TPC Group		(b) (6)	(b) (6) 1s		
Protection and Recovery Branch Director	Blanchard, Cory	d, Cory Clean Harbors Environmental 337-321-2948 Service Inc. (CHES)		Da	Day Shift		
Division A Supervisor	Garcia, Thomas	Resolute Env	vironmental	(b) (6)	Da	ay Shi	ft
		Resources	Required				
Area Of Operation	Resource I	Kind	Description		Quar	ntity	Size
Division A	Boom		Boom		600 fe	eet	in
Division A	Vacuum Tri	uck	Vacuum Truc	k	2 eac	:h	barrel (s)
Division A	Jon Boat		Jon Boat		4 eac	:h	feet
Division A	UTV		UTV		1 eac	h	
Division A	Sorbent: Bo	oom	Sorbent: Boo	n	1300	feet	inch (es)
Division A	Wash Pum _l	0	2" Wash Pum	р	3 eac	h	cubic feet/mir ute
Division A	Spill Tech		Spill Tech		20 ea	ıch	
Division A	Light Plants	3	Light Plants		3 eac	:h	
Division A	Viscous Sw	eep	Viscous Swee	ep	50 ea	ich	
Division A	Hot Water F	Pressure Washer	Hot Water Pre	essure Washer	1 eac	h	
		Assign	ments				-1
Division A: From Outfall 00	1 to Orchard Avenue						
			16.45	,			
Maintain sorbent boom and	change out as need	ed and place in p	ollution bags for disp	osal.			

with Group Supervisor.

Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.

Offload recovered product to storage assets as needed. Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.

Report all wildlife impacts to supervisor immediately.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

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ICS 204 - Assignment List	Division: Division
ncident Name: South 4 Group Fire	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00
Lc	ocation of Work
Division A: From Outfall 001 to Orchard Avenue.	
Special Equipment /	Supplies Needed for Assignment
Suction Hose, Strainer, Air Compressor (Dual Tank)	
-	ronmental Considerations
of breach establish response collection of water in frac tar	Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat nks or other containment, boom outfalls to capture floating hydrocarbores, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.
Special Site-Sp	pecific Safety Considerations
Wear Level D PPE.	
Be aware of wildlife while working around/near water and	high grassy areas.
Steep embankments may exist around waterways.	
Wear flotation device within 3' of bodies of water (canals,	deep ditches, etc.).
Monitor air quality. Immediately leave area with readings o	elevated above the action limit.
mmediately report safety incidents and concerns to your	supervisor.
Stay hydrated.	
ICS 204 - Assignment List	Prepared By IAP Support, Updated 12/09/2019 15:30 UTC -6:00 I
INCIDENT ACTION PLAN SOFTWARE Printed 12/09/2019 16:36 UTC -	-6:00 21 of 82 (c) TR

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Division: Division A

Division A Map



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	t List					L	Division: I	Division E
Incident Name: South 4 Gr	oup Fire			Period: Perio	d 12 [12/10/2019 (06:00 -	12/12/20	19 06:00
			Operations I	Personnel				
Position	Name		Affiliation		Contact Numb	er(s)	Work S	hift
Operations Section Chief	Carlton, Dou	g	TPC Group		(b) (6)		2nd Shif	t
Operations Section Chief	Lynn, Gordor	n	TPC Group		(b) (6)		1st Shift	
Protection and Recovery Branch Director	Blanchard, C		Clean Harbors Service Inc. (0	Environmental CHES)	337-321-2948		Day Shi	ft
Division B Supervisor	Williams, Jor	dan	Resolute Envi	ronmental	(b) (6)		Day Shi	ft
			Resources	Required				
Area Of Operation	Res	source Kind	d	Description		Qı	uantity	Size
Division B	Boo	m		Boom		12	00 feet	in
Division B	Jon	Boat		Jon Boat		2 (each	feet
Division B	Res	ponse Boat	t	Response Boa	ıt	1 (each	feet
Division B	UTV	/		UTV		1 (each	
Division B	Con	struction M	aterials/Supply	Equipment ma	ts	35	each	
Division B	Sort	bent: Boom		Sorbent: Boon	1	14	00 feet	inch (es)
Division B	Was	sh Pump		2" Wash Pump)	2 (each	cubic feet/mi
Division B	Spil	I Tech	***************************************	Spill Tech		21	each	<u> </u>
Division B	Ligh	nt Plants		Light Plants		116	each	
	"							
Division B: From Orchard A	Avenue to the		Assignn	Viscous Swee		15	0 each	osal.
Division B Division B: From Orchard A Maintain sorbent boom on Maintain containment boor and place in pollution bags Any ineffective strategies of Be aware of weather const area. Communicate chang Dead or impacted wildlife s	Avenue to the the east side of the east	weir dam in of Orchard A orbent boom es will be im ust accordir ns with Bran	Assignate the canal Ave. and chan in canal north mediately reported by the canal can	Viscous Swee	nd place in pollution cover spilled mater y & Protection Bra unsafe condition p	n bags rial/she	o for dispo en with d rector. to neare	ip nets st safe
Division B: From Orchard A Maintain sorbent boom on Maintain containment boor and place in pollution bags Any ineffective strategies of Be aware of weather const area. Communicate chang	Avenue to the the east side of the east	weir dam in of Orchard A orbent boom es will be im ust accordir ns with Bran	Assignate the canal Ave. and chan in canal north mediately reported by the canal can	Viscous Swee	nd place in pollution cover spilled mater y & Protection Bra unsafe condition p	n bags rial/she	o for dispo en with d rector. to neare	ip nets st safe
Division B: From Orchard A Maintain sorbent boom on Maintain containment boor and place in pollution bags Any ineffective strategies of Be aware of weather const area. Communicate chang Dead or impacted wildlife s	Avenue to the the east side of the lined with so for disposal. or boom failure traints and adjust in condition should be imm	weir dam in of Orchard / orbent boom es will be im ust accordir ns with Bran	Assignment the canal Ave. and chan in canal north amediately reported by the corted docume as a special Install.	Viscous Sweenents ge out as needed and of pump station recorded to the Recover deteriorates to an united, location noted	nd place in pollution cover spilled mater y & Protection Bra unsafe condition p	n bags rial/she	o for dispo en with d rector. to neare	ip nets st safe
Division B: From Orchard A Maintain sorbent boom on Maintain containment boor and place in pollution bags Any ineffective strategies of Be aware of weather const area. Communicate chang Dead or impacted wildlife s	Avenue to the the east side of milined with so for disposal. or boom failure traints and adjust in condition should be imm	weir dam in of Orchard A orbent boom es will be im ust accordir ns with Bran mediately rep	Assignation the canal Ave. and chan in canal north mediately reported by the content of the cont	Viscous Sweenents ge out as needed and of pump station recorded to the Recover deteriorates to an united, location noted	nd place in pollution cover spilled mater y & Protection Bra unsafe condition p	n bags rial/she	o for dispo en with d rector. to neare	ip nets st safe
Division B: From Orchard A Maintain sorbent boom on Maintain containment boor and place in pollution bags Any ineffective strategies of Be aware of weather const area. Communicate chang Dead or impacted wildlife so Use proper PPE and maint Report any oiled or distress DEMOBILIZATION:	Avenue to the the east side of milined with so for disposal. For boom failure traints and adjust in condition should be immediated wildlife to	weir dam in of Orchard A prisent boom es will be im ust according with Bran rediately representations at all 409-239-47	Assignation the canal Ave. and chan in canal north mediately reported by the content of the cont	Viscous Sweenents ge out as needed and of pump station recorded to the Recover deteriorates to an united, location noted	nd place in pollution cover spilled mater by & Protection Brain cunsafe condition p and possibly collection	n bags rial/she inch Di roceed	en with defector. to neare s evidence	ip nets st safe
Division B: From Orchard A Maintain sorbent boom on Maintain containment boor and place in pollution bags Any ineffective strategies of Be aware of weather const area. Communicate chang Dead or impacted wildlife so	Avenue to the the east side of milined with so for disposal. For boom failure traints and adjust in condition should be immediated wildlife to	weir dam in of Orchard A prisent boom es will be im ust according with Bran rediately representations at all 409-239-47	Assignment the canal Ave. and chan in canal north mediately reported by the properties of the content of the co	Viscous Sweenents ge out as needed and of pump station reconted to the Recover deteriorates to an united, location noted tructions	nd place in pollution cover spilled mater by & Protection Brain cunsafe condition p and possibly collection	n bags rial/she inch Di roceed	en with defector. to neare s evidence	ip nets st safe
Division B: From Orchard A Maintain sorbent boom on Maintain containment boor and place in pollution bags Any ineffective strategies of Be aware of weather const area. Communicate chang Dead or impacted wildlife so Use proper PPE and maint Report any oiled or distress DEMOBILIZATION: For personnel LEAVING the	Avenue to the the east side of milined with so for disposal. For boom failure traints and adjust in condition should be immediated wildlife to	weir dam in of Orchard A prisent boom es will be im ust according with Bran rediately representations at all 409-239-47	Assignation the canal Ave. and chan in canal north mediately reported by the content of the cont	Viscous Sweenents ge out as needed and of pump station reconted to the Recover deteriorates to an united, location noted tructions	nd place in pollution cover spilled mater by & Protection Brain cunsafe condition p and possibly collection	n bags rial/she inch Di roceed	en with defector. to neare s evidence	ip nets st safe
Division B: From Orchard A Maintain sorbent boom on Maintain containment boor and place in pollution bags Any ineffective strategies of Be aware of weather const area. Communicate chang Dead or impacted wildlife so Use proper PPE and maint Report any oiled or distress DEMOBILIZATION: For personnel LEAVING the	Avenue to the the east side of milined with so for disposal. For boom failure traints and adjust in condition should be immediated wildlife to	weir dam in of Orchard A prisent boom es will be im ust according with Bran rediately representations at all 409-239-47	Assignment the canal Ave. and chan in canal north mediately reported by the properties of the content of the co	Viscous Sweenents ge out as needed and of pump station reconted to the Recover deteriorates to an united, location noted tructions	nd place in pollution cover spilled mater by & Protection Brain cunsafe condition p and possibly collection	n bags rial/she inch Di roceed	en with defector. to neare s evidence	ip nets st safe
Division B: From Orchard A Maintain sorbent boom on Maintain containment boor and place in pollution bags Any ineffective strategies of Be aware of weather const area. Communicate chang Dead or impacted wildlife so Use proper PPE and maint Report any oiled or distress DEMOBILIZATION:	Avenue to the the east side of milined with so for disposal. or boom failure traints and adjust in condition should be immediated wildlife to be incident and	weir dam in of Orchard A prisent boom es will be im ust according with Bran rediately representations at all 409-239-47	Assignment the canal Ave. and chan in canal north mediately reported by the properties of the content of the co	Viscous Sweenents ge out as needed and of pump station reconted to the Recover deteriorates to an united, location noted tructions	nd place in pollution cover spilled mater by & Protection Braunsafe condition put and possibly collection safe return	n bags rial/she roceed ected a	en with defector. to neare s evidence	ip nets

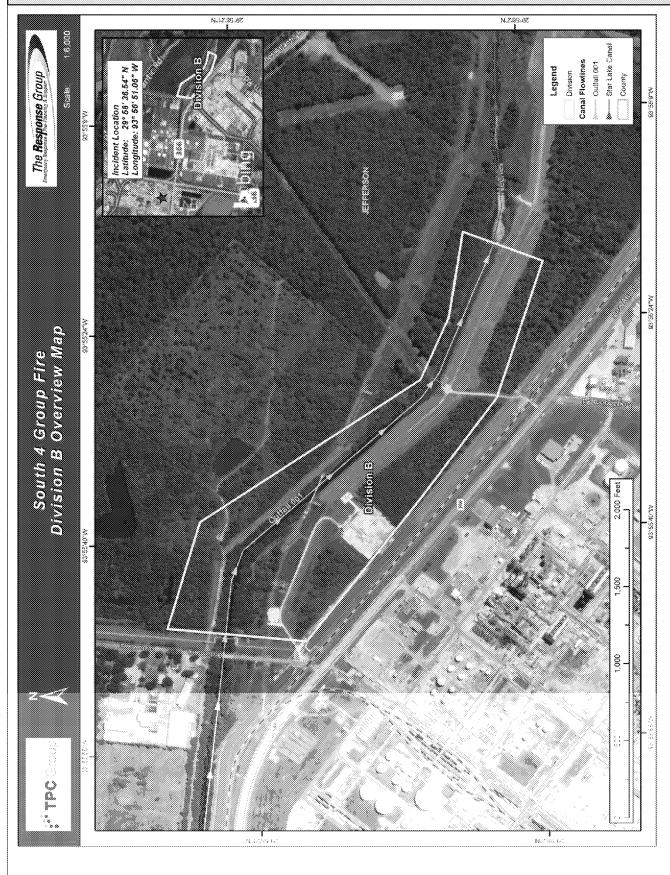
ICS 204 - Assignment List		Division: Division B
Incident Name: South 4 Group Fire	Period: Period 12 [12/10	/2019 06:00 - 12/12/2019 06:00]
Special Environme	ntal Considerations	
Collect firewater runoff utilizing the minimizing hierarchy: Pump to breach establish response collection of water in frac tanks or establish testing plan for sampling water to include volatiles, sen	other containment, boom outfalls	to capture floating hydrocarbon,
Special Site-Specific	Safety Considerations	
Wear Level D PPE.		
Be aware of wildlife while working around/near water and high g	rassy areas.	
Steep embankments may exist around waterways.		
Wear flotation device within 3' of bodies of water (canals, deep o	litches, etc.).	
Monitor air quality. Immediately leave area with readings elevate	ed above the action limit.	
Immediately report safety incidents and concerns to your superv	isor.	
Stay hydrated.		
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Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Division: Division B

Division B Map



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ICS 204 - Assignment List	Division: Division C
Incident Name: South 4 Group Fire	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]
•	· ·

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift
Operations Section Chief	Lynn, Gordon	TPC Group	(b) (6)	1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift
Division C Supervisor	Blanchard, Leland	Clean Harbors Environmental Service Inc. (CHES)	(b) (6)	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom	1600 feet	in
Division C	Sorbent: Boom	Sorbent: Boom	2400 feet	inch (es)
Division C	Viscous Sweep	Viscous Sweep	50 each	

Assignments

Division C: From the weir dam in the canal to Atlantic Rd.

Maintain boom and change out saturated sorbent boom at the wier dam

Maintain diversion boom lined with sorbent boom inlet to the LNVA pump station and along the shoreline to minimize impact to marsh areas.

Maintain boom across the canal west and east of the LNVA pump station inlet and recover spilled material/sheen with dip nets and place in pollution bags for disposal.

Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.

Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.

Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Location of Work

Weir Dam to Atlantic Rd.

Special Environmental Considerations

Collect firewater runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

ICS 204 - Assignment List		Prepared By Operations, U	Jpdated 12/09/2019 06:34 UTC -6:00 PP
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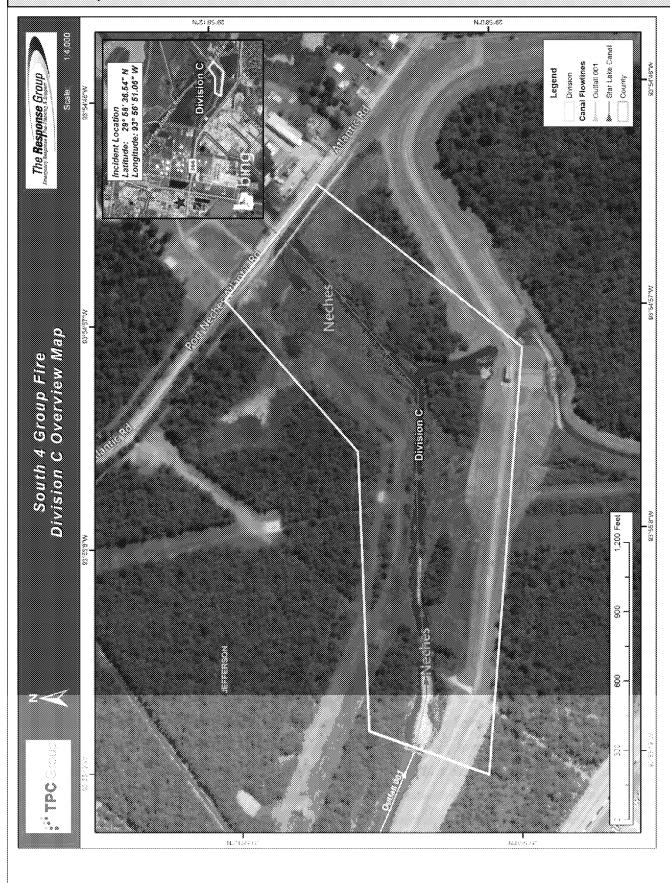
ICS 204 - Assignment Lis	t		Division: Division C
Incident Name: South 4 Group F		Period: Period 12 [12/10	0/2019 06:00 - 12/12/2019 06:00]
		Safety Considerations	
Be aware of wildlife while workin	g around/near water and high gr	assy areas.	
Steep embankments may exist a	round waterways.		
Wear flotation device within 3' of	water.		
Monitor air quality. Immediately l	eave area with readings elevate	d above the action limit.	
Immediately report safety incider	nts and concerns to your supervi	sor.	
Stay hydrated.			
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Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Division: Division C

Division C Map



ICS 204 - Assignment List
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Operations Section Chief Operations Section Chief Protection and Recovery Branch Director	Name Carlton, Doug Lynn, Gordon Blanchard, Cory	Operations Pe				19 06:0
Operations Section Chief Operations Section Chief Protection and Recovery Branch Director	Carlton, Doug Lynn, Gordon		ersonnel			
Operations Section Chief Protection and Recovery Branch Director	Lynn, Gordon	Affiliation		Contact Number(s)) Work S	hift
Protection and Recovery Branch Director		TPC Group		(b) (6)	2nd Shit	ft
Branch Director	Blanchard, Cory	TPC Group		(b) (6)	1st Shift	•
Division D Supervisor	, ,	Clean Harbors Service Inc. (Cl		337-321-2948	Day Shi	ft
	Bowers, Daniel	Resolute Enviro	onmental	(b) (6)	Day Shi	ft
		Resources R	equired			
Area Of Operation	Resource I	Kind	Description		Quantity	Size
Division D	Boom		Boom		2100 feet	in
Division D	Jon Boat		Jon Boat		1 each	feet
Division D	Response I	Boat	Response Boa	nt ·	1 each	feet
Division D	Sorbent: Bo	oom	Sorbent: Boor	n í	2000 feet	inch (es)
Division D	Spill Tech		Spill Tech		10 each	
		Assignm	ents			
•				y & Protection Branch		st safe
Be aware of weather constra area. Communicate change Dead or impacted wildlife sh Follow Waste Management	raints and adjust according in conditions with leading to the conditions with leading the conditions with leading the conditions are conditions.	ordingly. If weather of Branch Director.	deteriorates to an ted, location noted	unsafe condition proced	ed to neare	
Be aware of weather constra area. Communicate change Dead or impacted wildlife sh Follow Waste Management	raints and adjust access in conditions with the nould be immediately Plan and coordinate	ordingly. If weather of Branch Director. Treported document with Waste Manage Special Instr	deteriorates to an ted, location noted ement Group Supe	unsafe condition proced	ed to neare	
Be aware of weather constra area. Communicate change Dead or impacted wildlife sh Follow Waste Management Use proper PPE and mainta	raints and adjust access in conditions with Enould be immediately Plan and coordinate ain communications a	ordingly. If weather of Branch Director. Treported document with Waste Manage Special Instruction at all times.	deteriorates to an ted, location noted ement Group Supe	unsafe condition proced	ed to neare	
Be aware of weather constra area. Communicate change Dead or impacted wildlife sh	raints and adjust access in conditions with Enould be immediately Plan and coordinate ain communications a	ordingly. If weather of Branch Director. Treported document with Waste Manage Special Instruction at all times.	deteriorates to an ted, location noted ement Group Supe	unsafe condition proced	ed to neare	
Be aware of weather constra area. Communicate change Dead or impacted wildlife sh Follow Waste Management Use proper PPE and mainta Report any oiled or distresse	raints and adjust access in conditions with Enould be immediately Plan and coordinate ain communications a	ordingly. If weather of Branch Director. Treported document with Waste Manag Special Instruct at all times.	deteriorates to an ted, location noted ement Group Superictions	unsafe condition proced and possibly collected ervisor as required.	ed to neare	
Be aware of weather constra area. Communicate change Dead or impacted wildlife sh Follow Waste Management Use proper PPE and mainta Report any oiled or distresse DEMOBILIZATION: For personnel LEAVING the	raints and adjust access in conditions with Enould be immediately Plan and coordinate ain communications are defined wildlife to 409-239	ordingly. If weather of Branch Director. Treported document with Waste Manage Special Instruction at all times. 9-4725. Soming back, please	deteriorates to an ted, location noted ement Group Superictions	unsafe condition proced and possibly collected ervisor as required.	ed to neare	
Be aware of weather constra area. Communicate change Dead or impacted wildlife sh Follow Waste Management Use proper PPE and mainta	raints and adjust access in conditions with Enould be immediately Plan and coordinate ain communications a ed wildlife to 409-239 e incident and NOT communications a	ordingly. If weather of Branch Director. Treported document with Waste Manage Special Instruction at all times. 9-4725. Soming back, please	deteriorates to an ted, location noted ement Group Superictions call 713-748-9108	unsafe condition proced and possibly collected ervisor as required.	ed to neare	

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Printed 12/09/2019 16:36 UTC -6:00

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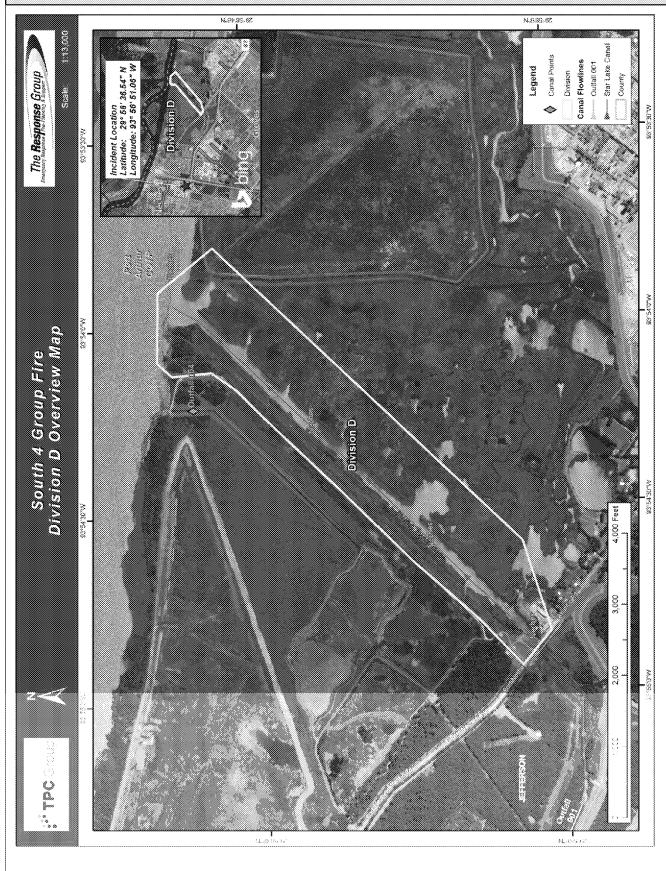
ICS 204 - Assignment List			Division: Division D
Incident Name: South 4 Group Fi	re	Period: Period 12 [12/10	0/2019 06:00 - 12/12/2019 06:00]
	Special Site-Specific	L	
Be aware of wildlife while working	around/near water and high gr	assy areas.	
Steep embankments may exist ar	round waterways. Wear flotation	n device within 3' of water.	
Monitor air quality. Immediately le	eave area with readings elevate	d above the action limit.	
Report safety incidents and conce	erns to your immediate supervis	sor.	
Stay hydrated.			
ICC 204 Applement List		P	Hedatad 40/07/2040 46:40 UTO - 0.00 ===
ICS 204 - Assignment List INCIDENT ACTION PLAN SOFTWARE ¹¹⁵	Printed 12/09/2019 16:36 UTC -6:00	30 of 82	Updated 12/07/2019 16:40 UTC -6:00 PP (c) TRG

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Division: Division D

Division D Map



ICS 204 - Assignment List
INCIDENT ACTION PLAN SOFTWARE¹⁰⁸

Prepared By Operations, Updated 12/07/2019 16:40 UTC -6:00 PP

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Incident Name: South 4 Gr	nun Fire		Dariod: Dario	d 12 [12/10/2019 06:00	_ 12/12/20	019 08:00				
	oup rile	0		u 12 [12/10/2019 00.00	- 12/12/20	019 00.00				
Position	Name	Operations Affiliation	Personner	Contact Number(s	Work S	Shift				
Operations Section Chief	Carlton, Doug	TPC Group		(b) (6)	2nd Sh					
Operations Section Chief	Lynn, Gordon	TPC Group		(b) (6)	1st Shit					
Protection and Recovery	Blanchard, Con		rs Environmental	337-321-2948	Day Sh					
Branch Director		Service Inc. (Day Office				
Division E Supervisor	Williams, Jordai	n Resolute Env	vironmental	(b) (6)	Day Sh	ift				
		Resources	Required							
Area Of Operation		rce Kind	Description		Quantity	Size				
Division E	Boom		Boom		700 feet	in				
Division E	Sorber	nt: Boom	Sorbent: Booi	n	150 feet	inch (es)				
Division E	Spill To	ech	Spill Tech		5 each	1(00)				
		Assign	ments							
Division E: Huntsman outfa	all canal from Sto	r Lake Canal to Dort N	Neches Atlantic Pd							
Maintain sorbent boom acr	oss the canal an	d containment boom o	on northeast side of I	Port Neches Atlantic Rd						
Maintain hard boom across	s the canal at out	fall to the Neches Riv	er.							
Any ineffective strategies o	or boom failures v	vill be immediately rec	oorted to the Recove	rv & Protection Branch	Director.					
						, ,				
Be aware of weather const area. Communicate chang			er deteriorates to an	unsate condition proced	ed to near	est sare				
Dead or impacted wildlife s	should be immed	iately reported docum	ented, location noted	I and possibly collected	as eviden					
Follow Waste Managemen	t Dian and asset			' '	as cviacii	ce.				
. Onow wasto wanayemen	it man and coold	inate with Waste Man	agement Group Sup		as eviden	ce.				
. Chow wwaste wanayemen	n man and coord	inate with Waste Man Special Ins			as eviden	ce.				
		Special Ins			as eviden	ce.				
Use proper PPE and maint	tain communicati	Special Instantial ons at all times.			as eviden	ce.				
Use proper PPE and maint Report any oiled or distress DEMOBILIZATION:	tain communicati sed wildlife to 40	Special Instance ons at all times. 9-239-4725.	structions	ervisor as required.		ce.				
Use proper PPE and maint Report any oiled or distress DEMOBILIZATION:	tain communicati sed wildlife to 40	Special Instance ons at all times. 9-239-4725.	structions ase call 713-748-910	ervisor as required.		ce.				
Use proper PPE and maint Report any oiled or distres: DEMOBILIZATION: For personnel LEAVING th	tain communicati sed wildlife to 409 ne incident and N	Special Inst ons at all times. 9-239-4725. OT coming back, plea	structions ase call 713-748-910	ervisor as required.		ce.				
Use proper PPE and maint	tain communicati sed wildlife to 409 ne incident and N	Special Inst ons at all times. 9-239-4725. OT coming back, plea	structions ase call 713-748-910 of Work	ervisor as required.		ce.				

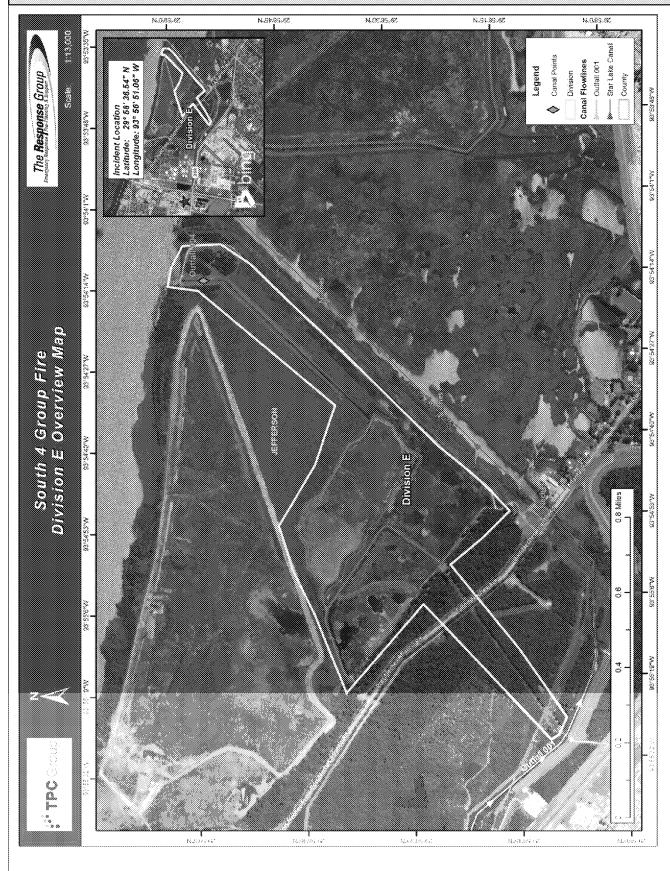
ICS 204 - Assignment Lis	it		Division: Division E
Incident Name: South 4 Group F	Fire	Period: Period 12 [12/10	0/2019 06:00 - 12/12/2019 06:00]
	Special Site-Specific	Safety Considerations	
Be aware of wildlife while working	g around/near water and high gr	assy areas.	
Steep embankments may exist a	around waterways. Wear flotation	n device within 3' of water.	
Monitor air quality. Immediately	leave area with readings elevate	d above the action limit.	
Report safety incidents and cond	cerns to your immediate supervis	or.	
Stay hydrated.			
ICS 204 - Assignment List		Prepared By Operations.	Updated 12/07/2019 17:12 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE ¹¹⁶	Printed 12/09/2019 16:36 UTC -6:00	33 of 82	© TRG

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Division: Division E

Division E Map



ICS 204 - Assignment List

Prepared By Operations, Updated 12/07/2019 17:12 UTC -6:00 PP

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INCIDENT ACTION PLAN SOFTWARE¹¹⁸

Incident Name: South 4 Group Fire	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]
ICS 204 - Assignment List	Group: Environmental Sampling Group

	Operations Personnel									
Position	Name	Affiliation	Contact Number(s)	Work Shift						
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift						
Operations Section Chief	Lynn, Gordon	TPC Group	(b) (6)	1st Shift						
Support Services Branch Director	Sanders, Jason	TPC Group	(b) (6)	Day Shift						
Support Services Branch Director	Jaschek, Rebecca	TPC Group	(b) (6)	Night Shift						
Support Services Branch Director	Wnek, Shawn	СТЕН	(b) (6)	Day Shift						
Environmental Specialist	Broomes, Ebunoluwa	TPC Group	(b) (6)	Day Shift						
Environmental Specialist	Miller, Mike	TPC Group	(b) (6)	Day Shift						
Env Sampling Group	Allaby, Eric	CTEH	(b) (6)	Day Shift						
Env Sampling Group	Gueringer, Jeremy	CTEH	(b) (6)	Night Shift						
Env Sampling Group	Tighe, Daniel	EPA Region 6	713-397-1550	Day Shift						

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Area Of Operation	Resource Kind	Description	Quantity	Size
Environmental Sampling Group	Manpower: Responder	CTEH Sampling Specialist	6 each	
Environmental Sampling Group	Manpower: Responder	EPA Sampling Specialist	4 each	
Environmental Sampling Group	Manpower: Responder	TCEQ Sampling Specialist	3 each	
Environmental Sampling Group	Manpower: Responder	Environmental Lab Coordinator	1 each	
Environmental Sampling Group	Supervisor	Environmental Supervisor	1 each	

Assignments

TPC (CTEH)

Three teams will be deployed to collect surface water samples at 6 designated locations daily in accordance with the UC-approved Environmental Sampling and Analysis Plan (ESAP). One strike team will be available to collect additional samples as directed outside of the previously established sample locations, following the sample collection and handling protocols established in the ESAP. CTEH collected samples will be collected and submitted to Earth Analytical Services (EAS) Lab and Pace Lab. Sample COCs will be documented as a SIERA. Personnel will transport and deliver samples to EAS and will return samples to the EOC where PACE lab will currier them to their Houston laboratory.

FOSC

Two water sampling teams will sample 4 established locations in accordance with their SAP. Additional analysis will be performed for PFAS.

SOSC

TCEQ water sampling teams will continue sampling, as needed.

Fire water management:

Continue sending as much water as possible via pipe to Huntsman JWWTP. If needed pumping at Huntsman Star Lake lift station can be utilized to maintain flow.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

ICS 204 - Assignment List			Updated 12/09/2019 14:57 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE	Printed 12/09/2019 16:36 UTC -6:00	35 of 82	© TRG

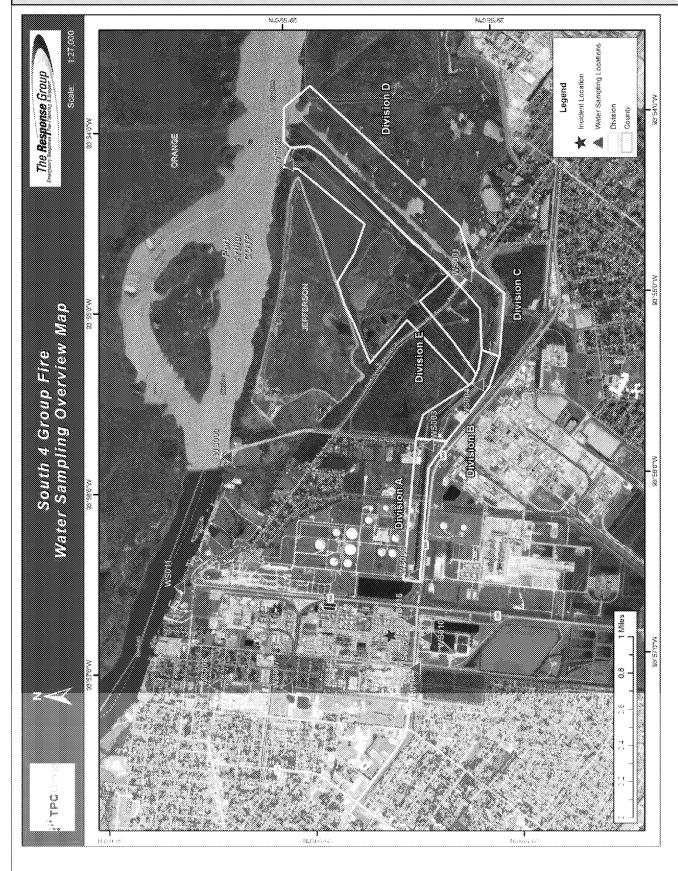
ICS 204 - Assignment Lis	it	Group:	Environmental Sampling Grou
Incident Name: South 4 Group F	Fire	Period: Period 12 [12/10	/2019 06:00 - 12/12/2019 06:00
	Special Equipment / Suppli	es Needed for Assignment	
Sampling Kits			
Follow approved sampling plan.	Special Environmen	ntal Considerations	
rollow approved sampling plan.	Special Site-Specific S	Safety Considerations	
Wear Level D PPE.	•	•	
Be aware of wildlife while workir	ng around/near water and high gr	assy areas.	
Steep embankments may exist a	around waterways.		
Wear flotation device within 3' of	f bodies of water (canals, deep di	tches, etc.).	
Monitor air quality. Immediately	leave area with readings elevated	d above the action limit.	
Immediately report safety incide	nts and concerns to your supervi	sor.	
Stay hydrated.			
ICS 204 - Assignment List	Drinted 13 90/2016 46 35 1770 - 5 55	26, 600	Updated 12/09/2019 14:57 UTC -6:0
INCIDENT ACTION PLAN SOFTWARE 114	Printed 12/09/2019 16:36 UTC -6:00	36 of 82	© TR

Group: Environmental Sampling Group

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Water Sampling Map



ICS 204 - Assignment List			Updated 12/09/2019 14:57 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE!	Printed 12/09/2019 16:36 UTC -6:00	37 of 82	© TRG

ICS 204 - Assignment List	Group: Fire Suppression Group
Incident Name: South 4 Group Fire	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]
0	Danasasas

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift
Operations Section Chief	Lynn, Gordon	TPC Group	(b) (6)	1st Shift
Fire Suppression Group Supervisor	Holley, Chad	TPC Group	(b) (6)	Day Shift
Fire Suppression Group Supervisor	Williams, James	TPC Group	(b) (6)	Night Shift

Supervisor						
Resources Required						
Area Of Operation	Resource Kind	Description	Quantity	Size		
Fire Suppression Group	Fire Monitor	Fire Monitor	18 each			
Fire Suppression Group	Fire Fighters	Fire Fighters	18 each			
Fire Suppression Group	Fire Pumps	Fire Pumps	9 each	cubic feet/min ute		
Fire Suppression Group	Vehicle: Fire Engine	Ladder Truck (Tower)	1 each			
Fire Suppression Group	Decon Trailer	Decon Trailer	1 each	feet		
Fire Suppression Group	Trailer	Person Rehab Trailer	1 each	feet		
Fire Suppression Group	Fire Fighting Foam	Vapor Suppression Foam	325 gallon (s)	each		
Fire Suppression Group	Equipment: Safety	Temperature Sensor	10 each			

Assignments

Continue to conduct fire suppression response activities.

Continue applying water to the site and adjacent areas to ensure cooling and prevent re-ignition.

Continue to utilize available portable fire pumps and fire apparatus to assist firefighting efforts.

Consider wind speed, direction and heading to manage smoke.

Maintain the established primary and secondary boundaries and rally point at the site.

Evaluate use of foam as a proactive tactic for vapor and/or fire suppression.

Utilize manned/unmanned fire monitors and other resources to apply water to extinguish fire and possible use of foam for vapor suppression.

Coordinate decontamination needs of the affected area, personnel and equipment.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Printed 12/09/2019 16:36 UTC -6:00

Communications

Name / Function Contact Details				
Contact Details				
Safety 1				
		Updated 12/07/2019 15:57 UTC -6:00		

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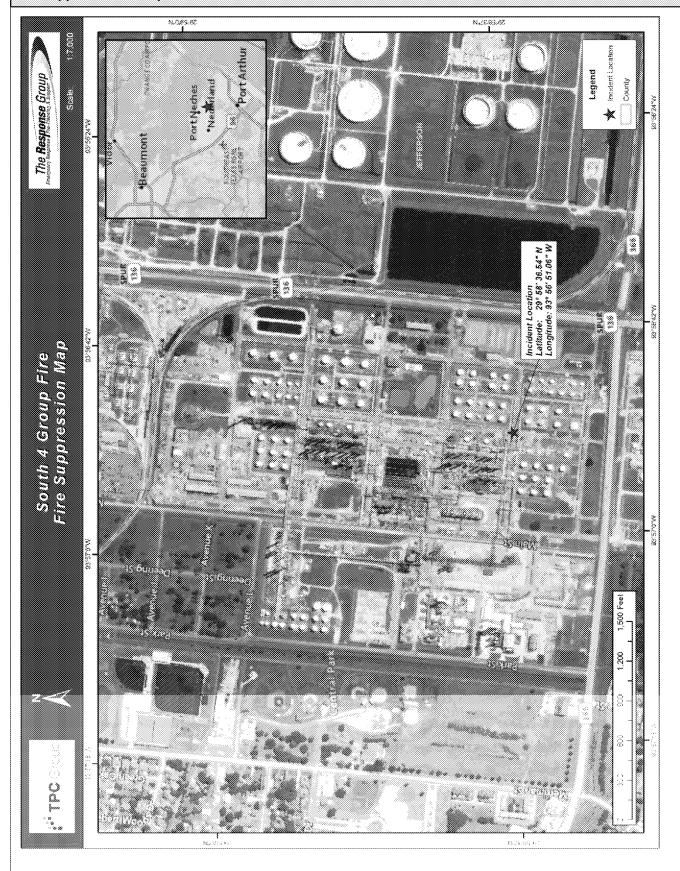
ICS 204 - Assignment List		Group: Fire Suppression Gro
Incident Name: South 4 Group Fi	re	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:0
	Comm	unications
Name / Function	Contact Details	
Multi Agency Radio /	Multi Agency Rad	io 4
		nental Considerations
Third party to assist with air monit period.	toring, following Air Sampling	Plan. Provide data to the agencies. See Air Monitoring plan
	Special Site-Specific	c Safety Considerations
Wear full bunker gear with SCBA	. Stay upwind of the smoke pl	ume. Maintain visual on the fire. Maintain safe distance from fire
Maintain awareness to surroundir	ng structures and line of fire fo	or falling debris.
Monitor air quality while within the	Exclusion Zone.	
Immediately report safety inciden	ts and concerns to the Incide	nt Commander.
Stay hydrated.		
ICS 204 - Assignment List		Updated 12/07/2019 15:57 UTC -6
INCIDENT ACTION PLAN SOFTWARE ¹¹⁴	Printed 12/09/2019 16:36 UTC -6:00	39 of 82 (c) TI

Group: Fire Suppression Group

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Fire Suppression Group



ICS 204 - Assignment List			Updated 12/07/2019 15:57 UTC -6:00
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ICS 204 - Assignmen	IL LISE				Group: SC	AI GIL	
Incident Name: South 4 Gr	roup Fire		Period: Period	d 12 [12/10/2019 06:00	- 12/12/20	019 06:0	
		Operations P	Personnel				
Position	Name	Affiliation		Contact Number(s)	Work S	hift	
Operations Section Chief	Carlton, Doug	TPC Group		(b) (6)	2nd Sh	ift	
Operations Section Chief	Lynn, Gordon	TPC Group		(b) (6)	1st Shif	t	
SCAT Coordinator	Simmons, Robert	СТЕН		(b) (6)	Day Sh	Day Shift	
		Resources I	Required	•	•		
Area Of Operation	Resource	Kind	Description		Quantity	Size	
SCAT Group	Vessel		SCAT Boat	1	each	feet	
SCAT Group	SCAT Tear	m	SCAT Team	1	each		
	•	Assignn	nents	-		•	

(1) Shoreline Cleanup Assessment Team (SCAT) consisting of CTEH (RP rep), FOSC Rep(s) and SOSC Rep(s) as needed. Assess and monitor affected and non-affected shoreline, and clean up activity by foot and boat (as needed) from outfall 201 to the Neches River.

The SCAT Team will also coordinate with and facilitate wildlife surveys response activity with TPWD Reps.

The SCAT Team will act as SCAT-OPS liasion reactive to Shoreline Treatment Methods and Endpoint Assessment.

Specific mission assignment for the subsequent day will be determined by the SCAT Coordinator each day after field teams return.

Each SCAT member must attend tailgate safety prior to beginning the work day.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Environmental Considerations

Follow SCAT Plan. Conduct rapid assessment to evaluate effectiveness of the cleanup efforts and ensure they meet the final agreed upon criteria for clean up.

Special Site-Specific Safety Considerations

Be aware of wildlife while working around/near water and high grassy areas.

Steep embankments may exist around waterways. Wear flotation device within 3' of water.

Monitor air quality. Immediately leave area with readings elevated above the action limit.

Report safety incidents and concerns to your immediate supervisor.

Stay hydrated.

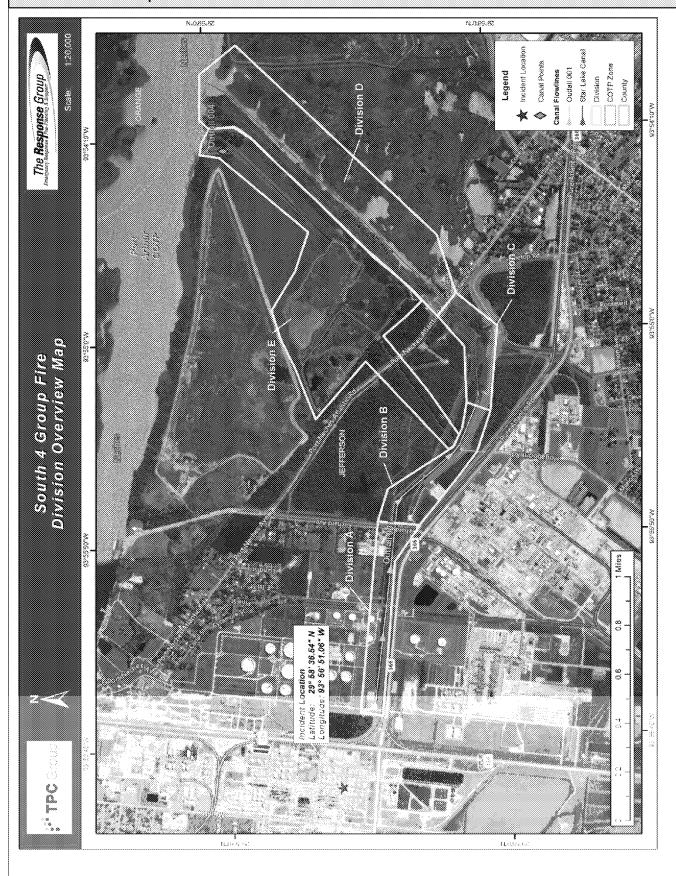
ICS 204 - Assignment List		Updated 12/09/2019 11:32 UTC -6	
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Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Group: SCAT Group

Division Overview Map



ICS 204 - Assignment List			Updated 12/09/2019 11:32 UTC -6:00
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Incident Name: South 4 Group Fire Operations	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06 Personnel
Operations	: Personnel

Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift	
Operations Section Chief	Lynn, Gordon	TPC Group	(b) (6)	1st Shift	
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift	
Task Force Leader	Stark, Chase	Clean Harbors Environmental Service Inc. (CHES)	(b) (6)	Day Shift	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
TF-Outfall 201	Skimmer	Skimmer	1 each	barrel (s)/day
TF-Outfall 201	Vacuum Truck	Vacuum Truck w/Carbon Filter	1 each	barrel (s)
TF-Outfall 201	Spill Tech	Spill Tech	6 each	
TF-Outfall 201	Wash Pump	Wash Pump	2 each	2 inch (es)
TF-Outfall 201	Boom	Boom	100 feet	18 inch (es)

Assignments

Task Force-Outfall 201 will be working in Block 1.

Contain spilled material in the pit and recover with drum skimmer and offload to vacuum truck. Continue operations during night shift if needed.

Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor.

Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.

Offload recovered product to storage assets as needed. Follow Waste Management Plan and coordinate with Waste Management Group Supervisor as required.

Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.

Report all wildlife impacts to supervisor immediately.

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Environmental Considerations

Collect firewater runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.

ICS 204 - Assignment List			Updated 12/09/2019 10:50 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE!*	Printed 12/09/2019 16:36 UTC -6:00	43 of 82	© TRG

ICS 204 - Assignment List			Task Force: TF-Outfall 201
Incident Name: South 4 Group Fire		Period: Period 12 [12/10	/2019 06:00 - 12/12/2019 06:00]
Special \$	Site-Specific S	Safety Considerations	
Wear Level D PPE.			
Be aware of wildlife while working around/near wat	er and high gra	assy areas.	
Steep embankments may exist around waterways.			
Wear flotation device within 3' of bodies of water (o	anals, deep di	tches, etc.).	
Monitor air quality. Immediately leave area with rea	idings elevated	d above the action limit.	
Immediately report safety incidents and concerns t	o your supervis	sor.	
Stay hydrated.			
ICS 204 - Assignment List			Updated 12/09/2019 10:50 UTC -6:00
INCIDENT ACTION PLAN SOFTWARE ¹¹⁶ Printed 12/09/2019 16	5:36 UTC -6:00	44 of 82	© TRG

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Task Force: TF-Outfall 201

TF-Outfall 201 Map





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ICS 204 - Assignment List	Group: Waste Management Group Pariod: Pariod 12 [12/10/2010 06:00 12/12/2010 06:00]
Incident Name: South 4 Group Fire	Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	2nd Shift
Operations Section Chief	Lynn, Gordon	TPC Group	(b) (6)	1st Shift
Protection and Recovery Branch Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	Day Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Waste Management Group	Frac Tank	Frac Tank	13 each	bbls
Waste Management Group	Roll Off	Roll Off	12 each	feet
Waste Management Group	Manpower: Responder	Waste Specialist	3 each	

Assignments

All waste collection activities will be conducted in accordance with Waste Management Plan, which will be approved for this task and established Federal, State and Local regulations.

Personnel will utilize roll off boxes and frac tanks to contain recovered waste.

Clean Harbors will provide information tracking, e.g. bills of lading, for waste types and volumes by collected location.

Segregate waste by their respective waste streams as necessary:

- -Oily liquids (free floating oil, oil emulsions, decon wash water)
- -Oily Solids (sand, vegetation, absorbents, ppe, debris)
- -Non-Oiled Solids (general trash)
- -Recyclables

Special Instructions

Use proper PPE and maintain communications at all times.

Report any oiled or distressed wildlife to 409-239-4725.

DEMOBILIZATION:

For personnel LEAVING the incident and NOT coming back, please call 713-748-9108 upon safe return home.

Special Environmental Considerations

Follow approved Waste Plan for the collection of waste for proper disposal

Special Site-Specific Safety Considerations

Wear Level B PPE and SCBA while collecting hazardous material.

Be aware of wildlife while working around/near water and high grassy areas.

Ensure immediate, proper labeling of waste.

Monitor air quality while disposing of material. Wear full Tyvek suit and SCBA for ACM pickup.

Wear chemical gloves and clothing appropriate for task and hazards for non-hazardous waste.

Immediately report safety incidents and concerns to your supervisor.

Stay hydrated.

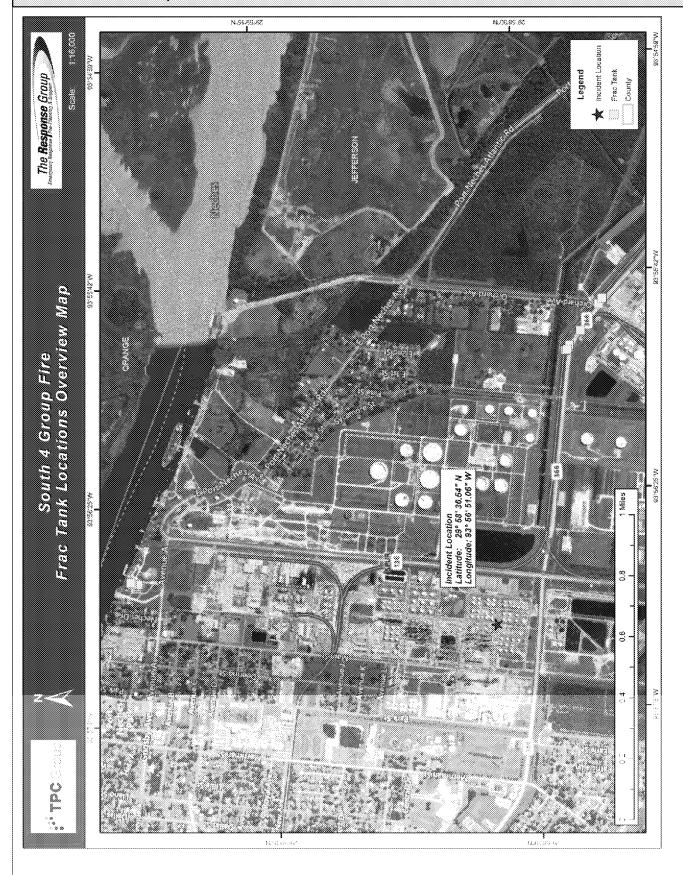
ICS 204 - Assignment List			Updated 12/09/2019 15:36 UTC -6:00
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Group: Waste Management Group

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Frac Tank Locations Map



ICS 204 - Assignment List			Updated 12/09/2019 15:36 UTC -6:00
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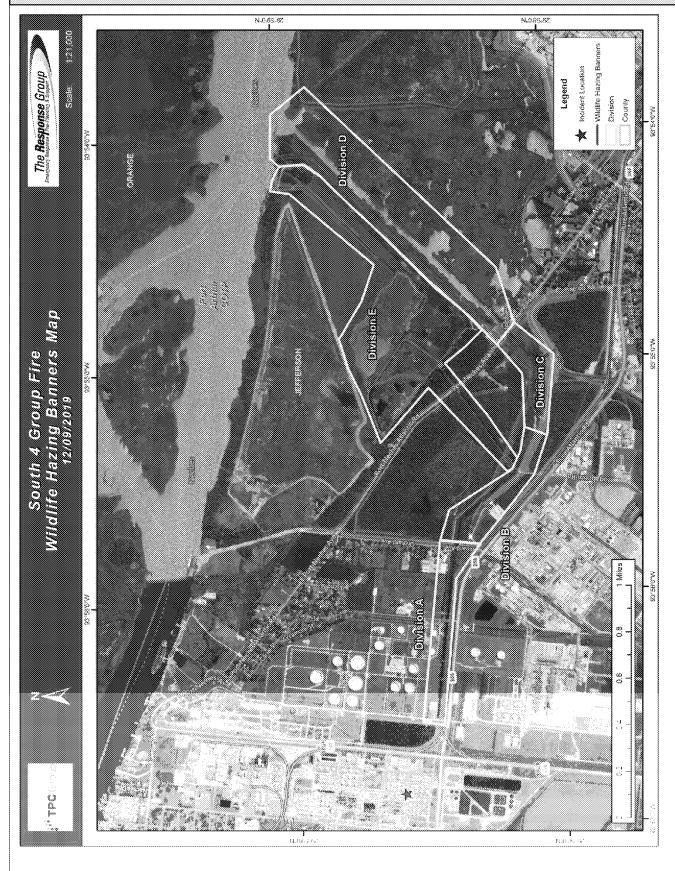
Incident Name: South 4 Gr	roup Fire			Period: Period	12 [12/10/2019 06:0	0 - 12/12/20	019 06:0	
	-		Operations	Personnel	-			
Position	Name		Affiliation		Contact Number(s	s) Work S	hift	
Operations Section Chief	Carlton,	, Doug	TPC Group		(b) (6)	2nd Shi	2nd Shift	
Operations Section Chief	Lynn, G	Gordon	TPC Group		(b) (6)	1st Shif	t	
Wildlife Branch Director	Biggs, F	-leather	Texas Parks	and Wildlife	832-374-3925	Day Shi	ift	
			Resources	Required				
Area Of Operation		Resource Ki		Description		Quantity	Size	
Wildlife Branch		Wildlife Spec		TPWD Staff		1 each		
Wildlife Branch		Manpower: R		Manpower: Res		3 each		
Wildlife Branch		Air Monitoring	g Technician Assign i	Air Monitoring	Technician	1 each		
Use proper PPE and main	tain comr	munications at	Special Ins	structions				
Report any oiled or distres			all times.	structions				
 Report any oiled or distres DEMOBILIZATION:	sed wildli ne incider	ife to 409-239- nt and NOT co	all times. 4725. ming back, plea	ise call 713-748-9108	•	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the	sed wildli ne incider	ife to 409-239- nt and NOT co	all times. 4725. ming back, plea		•	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment:	sed wildli ne incider	ife to 409-239- nt and NOT col Special Equij	all times. 4725. ming back, plea pment / Supplie	ise call 713-748-9108	•	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment: Flags, Stakes	sed wildli	ife to 409-239- nt and NOT co Special Equip Speci	all times. 4725. ming back, plea pment / Supplic	se call 713-748-9108 es Needed for Assig ntal Considerations	•	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment: Flags, Stakes	sed wildli	ife to 409-239- nt and NOT co Special Equij Specied wildlife. Not	all times. 4725. ming back, plea pment / Supplie ial Environment	se call 713-748-9108 es Needed for Assig ntal Considerations	nment	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment: Flags, Stakes Do not disturb any oiled or	sed wildli ne incider	ife to 409-239- nt and NOT con Special Equil Special ed wildlife. Not Special	all times. 4725. ming back, plea pment / Supplie ial Environment ify the wildlife he Site-Specific S	se call 713-748-9108 es Needed for Assig ntal Considerations ot line immediately. Safety Consideration	nment	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment: Flags, Stakes Do not disturb any oiled or	sed wildline incider distresse	ife to 409-239- nt and NOT con Special Equil Special ed wildlife. Not Special around/near wa	all times. 4725. ming back, plea pment / Supplie ial Environment ify the wildlife he Site-Specific Sater and high gra	es Call 713-748-9108 es Needed for Assig ntal Considerations ot line immediately. Safety Consideration assy areas.	nment	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment: Flags, Stakes Do not disturb any oiled or Be aware of wildlife while was the second of the s	sed wildline incider distresse	ife to 409-239- nt and NOT con Special Equip Special ed wildlife. Not Special around/near wa	all times. 4725. ming back, plea pment / Supplie ial Environment ify the wildlife he Site-Specific Seter and high grads. Wear flotation	ase call 713-748-9108 es Needed for Assignatal Considerations ot line immediately. Safety Consideration assy areas. device within 3' of wa	nment s	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment: Flags, Stakes Do not disturb any oiled or Be aware of wildlife while was steep embankments may a Monitor air quality. Immedia	sed wildline incider distresse	ife to 409-239- nt and NOT con Special Equil Special Special around/near was und waterways ve area with re	all times. 4725. ming back, plea pment / Supplie ial Environment ify the wildlife he Site-Specific Seter and high grade. Wear flotation eadings elevated	ase call 713-748-9108 es Needed for Assignatal Considerations of line immediately. Safety Consideration assy areas. device within 3' of wall above the action limit	nment s	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment: Flags, Stakes Do not disturb any oiled or Be aware of wildlife while was steep embankments may a Monitor air quality. Immedia Report safety incidents and	sed wildline incider distresse	ife to 409-239- nt and NOT con Special Equip Special ed wildlife. Not Special around/near wa und waterways ve area with re	all times. 4725. ming back, plea pment / Supplie ial Environment ify the wildlife he Site-Specific S ater and high gra be with the wildlife he can be with the wildlife	ase call 713-748-9108 es Needed for Assignatal Considerations ot line immediately. Safety Consideration assy areas. device within 3' of wall above the action limitor.	nment s	ne.		
Use proper PPE and maint Report any oiled or distres DEMOBILIZATION: For personnel LEAVING th Hazing Equipment: Flags, Stakes Do not disturb any oiled or Be aware of wildlife while was steep embankments may always and monitor air quality. Immedia Report safety incidents and Stay hydrated.	sed wildline incider distresse working a exist arounder ately leave	ife to 409-239- nt and NOT con Special Equil Special Around/near was und waterways ve area with re ns to your imm	all times. 4725. ming back, plea pment / Supplie ial Environment ify the wildlife he Site-Specific S ater and high gra be with the wildlife he called a supervise Additional In	ase call 713-748-9108 es Needed for Assignatal Considerations of line immediately. Safety Consideration assy areas. device within 3' of wall above the action limitor.	s ster.	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment: Flags, Stakes Do not disturb any oiled or Be aware of wildlife while was steep embankments may a Monitor air quality. Immedia Report safety incidents and	sed wildline incider distresse working a exist arounder ately leave	ife to 409-239- nt and NOT con Special Equil Special Around/near was und waterways ve area with re ns to your imm	all times. 4725. ming back, plea pment / Supplie ial Environment ify the wildlife he Site-Specific S ater and high gra be with the wildlife he called a supervise Additional In	ase call 713-748-9108 es Needed for Assignatal Considerations of line immediately. Safety Consideration assy areas. device within 3' of wall above the action limitor.	s ster.	ne.		
Report any oiled or distres DEMOBILIZATION: For personnel LEAVING the Hazing Equipment: Flags, Stakes Do not disturb any oiled or Be aware of wildlife while was steep embankments may be Monitor air quality. Immedia Report safety incidents and Stay hydrated.	sed wildline incider distresse working a exist arounder dately leave	ife to 409-239- nt and NOT con Special Equil Special Around/near was und waterways ve area with re ns to your imm	all times. 4725. ming back, plea pment / Supplie ial Environment ify the wildlife he Site-Specific S ater and high gra be with the wildlife he called a supervise Additional In	ase call 713-748-9108 es Needed for Assignatal Considerations of line immediately. Safety Consideration assy areas. device within 3' of wall above the action limitor.	s Iter. activation if needed.	ne.	OUTC 6	

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Branch: Wildlife Branch

20191209 Wildlife Hazing Banners Map



ICS 204 - Assignment List			Updated 12/09/2019 14:50 UTC -6:00
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Incident Name: South 4 Group Fire							Period:	Period 1	2 [12/10/2019 06:00 - 12/12/2019 06:00
				Radio Cha	nnel Informa	tion			
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N/W	Rx Tone/NAC	Tx Freq N/W	Tx Tone/NAC	Mode	Remarks
1	Safety/OPS	-	Fire Suppression Group Incident Command Post - Holiday Inn Staging - 366 Incident Command FOB - ONSC Staging - Gate #15 Staging - TPC Docks						
4	Multiagency Radio	Multiagency Radio	Fire Suppression Group						
	1	l		Special Ra	adio Instructi	ons	_		
	5 - Radio Comm								oort, Updated 12/09/2019 15:56 UTC -6:00 p

Incident Name: Sout	h 4 Group Fire			Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:0
		Local	Communications	Information	
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes
Biggs, Heather		832-374-3925		heather.biggs@tpwd.texas.gov	
Branick, Jeff		(b) (6)			Group Text Communication - Jefferson County Judge
Gelino, Derrick		(b) (6)			
Iseton, Claire		713-859-5986		claire.iseton@tpwd.texas.gov	
Nelson, Paul		(b) (6)	409-722-5885	pnelson@ci.port-neches.tx.us	Port Neches Fire Chief
Stegall, Michael		(b) (6)	409-719-4273	mstegall@ci.port-neches.tx.us	Port Neches Assistant Fire Chief
Young, Patrick		214-577-3506		pay9@cdc.gov	Capt. Patrick Young
Fisher, Bray	Deputy Federal OSC	469-510-8825			
Patel, Anish	Deputy Federal OSC	469-510-9721		patel.anish@epa.gov	Communication as needed - Day Shift
Sharpe, Randall	Deputy Operations Section Chief	(b) (6)		randall.sharpe@tpcgrp.com	
Monk, Troy	EOC Manager Day	(b) (6)		troy.monk@tpcgrp.com	All Communication forms - Day Shift
Wright, Mike	EOC Manager Night	(b) (6)		michael.wright@tpcgrp.com	All Communication forms - Night Shift
Adams, Adam	Federal OSC	214-202-6952			Communication as needed - Day Shift. On call at night
Rouse, Philip	Federal OSC Night	469-431-8856		Rouse.philip@epa.gov	Email Communication - Nigh Shift
McDonald, Scott	Incident Commander Day	(b) (6)		scott.mcdonald@tpcgrp.com	
Hollier, Kurt	Incident Commander Night	(b) (6)		kurt.hollier@tpcgrp.com	
Brechtel, Joseph	Liaison Officer	(b) (6)		Scott.Brechtel@tpcgroup.com	All Communication forms- Rotating
Jaschek, Rebecca	Liaison Officer	(b) (6)		becky.jaschek@tpggroup.com	All Communication forms - Rotating
Sanders, Jason	Liaison Officer Day	(b) (6)		jason.sanders@tpcgrp.com	All Communication forms - Rotating
White, Michael	Local Government OSC	(b) (6)			Group Text Communication - Jefferson County OEM
Grimm, Robert	Local Government OSC	(b) (6)			Group Text Communication - Jefferson County OEM
ICS 205a - Commun	ications List			Prepared Ry IAP Support	Updated 12/09/2019 14:53 UTC -6:00 F

ICS 205a - Commi	unications List			Version N	lame: CIR Distribution List - Period 12							
Incident Name: So	uth 4 Group Fire			Period: Period 12 [12/10/2019 06:00 - 12/12/								
		Local	Communications	nications Information								
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes							
Lynn, Gordon	Operations Section Chief Day	(b) (6)		gordon.lynn@tpcgrp.com								
Carlton, Doug	Operations Section Chief Night	(b) (6)		doug.carlton@tpcgrp.com	All Communication forms - Night Shift							
Layton, Jillian	State OSC	409-728-3975	409-728-3975	Jillian.Layton@tceq.texas.gov	Email and Group Text Communication - Night Shift							
Davila, Hope	State OSC Day	409-791-7296		Hope.Davila@tceq.texas.gov	Email and Group Text Communication - Day Shift							
Kirksey, Sarah	State OSC Night (On-Call)	409-898-3838		Sarah.Kirksey@tceq.texas.gov								

ICS 205a - Communications List		Prepared By IAP Su	pport, Updated 12/09/2019 14:53 UTC -6:00 PP
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ICS 206 - Medical Plan									Version	Na	me: Po	eriod 12
Incident Name: South 4	Group Fire			P	eriod: Per	iod	12 [12/10)/201	9 06:00 -	12/1	2/2019	9 06:00]
			Medica	I Aid Station	S							
Name		Locati	'on				ramedic On Site	Pho.	ne		Re	adio
Medical Resources - Gat	e 44		4087, -93.946737	7	x							
	Tra	anspor	tation (Ground a	and/or Air Ar	nbulance	Se	rvices)					
Ambulance Service		Locati	on		Phone				Radio		Air	ALS
Acadian Ambulance - Po (409-980-7740)	rt Arthur	Port A	rthur, TX		Ph1: 40	9-9	80-7740		800 Meg System		x	x
Beaumont EMS		-	nont, TX		Ph1: 40				155.340			х
Southeast Texas Air Res	cue	Beaun	North St #408 nont, TX 77702 0174, -94.126556	Ph1: 40	9-9:	24-9262				x		
			Н	ospitals								
Hospital	Location		Phone	Radio	Air Trav	el	Groun Travel 1		Trauma Center	Не	lipad	Burn Center
UTMB Galveston	301 Univers	sity							l	+	x	x
	Blvd Galveston, 77755 29.312199, -94.77902											
The Medical Center Of Southeast Texas	2555 Jimm Johnson Bl Port Arthur 77640 29.934952, -93.985008	vd , TX	409-853-5900						IV	[x	
Baptist Beaumont Hospital	3080 Colleg Street Beaumont, 77701 30.068474, -94.120255	TX	409-212-5012						III	[x	
Christus Southeast Texas - St Elizabeth	2830 Calde Avenue Beaumont, 77702 30.085583, -94.131699	TX	409-892-7171						II	[2	x	
ICS 206 - Medical Plan)/2019 16:36 UTC -6:00				P Support,	Updat:	ed 12/09/201	9 16	:28 UTC	
INCIDENT ACTION PLAN SOFT	53 of 82 (c) TRG								© TRG			

ICS 206 - Medical Plan

Incident Name: South 4 Group Fire

Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]

Special Medical Emergency Procedures

Acadian AirMed 21, dedicated to this incident, is stationed at Jack Brooks airport. Any patients needing helicopter transport will be transported by ground to that location. Acadian Dispatch must be contacted to verify whether aircraft can fly before patient is transported. 409-980-7740.

911 ops not impacted by incident, call 911 for medical response as normal

Contact Info:

EMS Group Supervisor: Eddie Burleigh 337-278-1268 Acadian Ambulance - Port Arthur (409-980-7740)

EMS Deputy Group Supervisor: Monica Birdsong 409-201-9403 Acadian Ambulance - Port Arthur (409-980-7740)

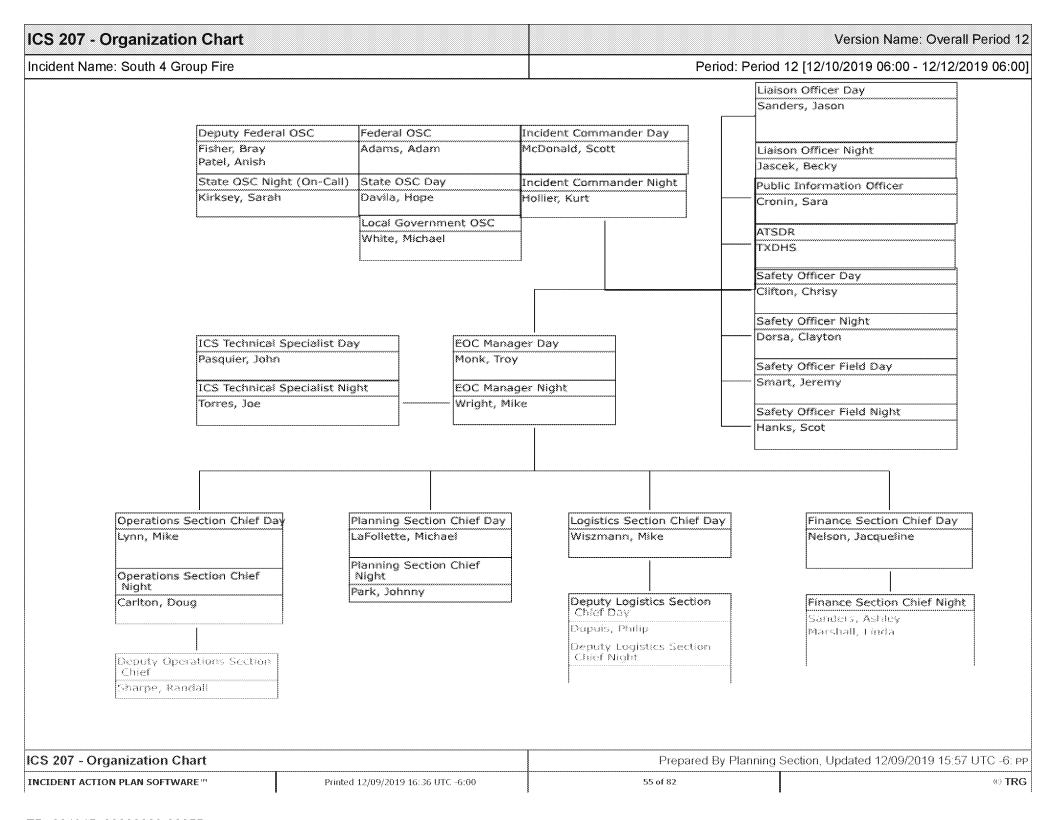
EMS Deputy Group Supervisor: Andrew Tucker (b) (6) Acadian Ambulance - Port Arthur (409-980-7740)

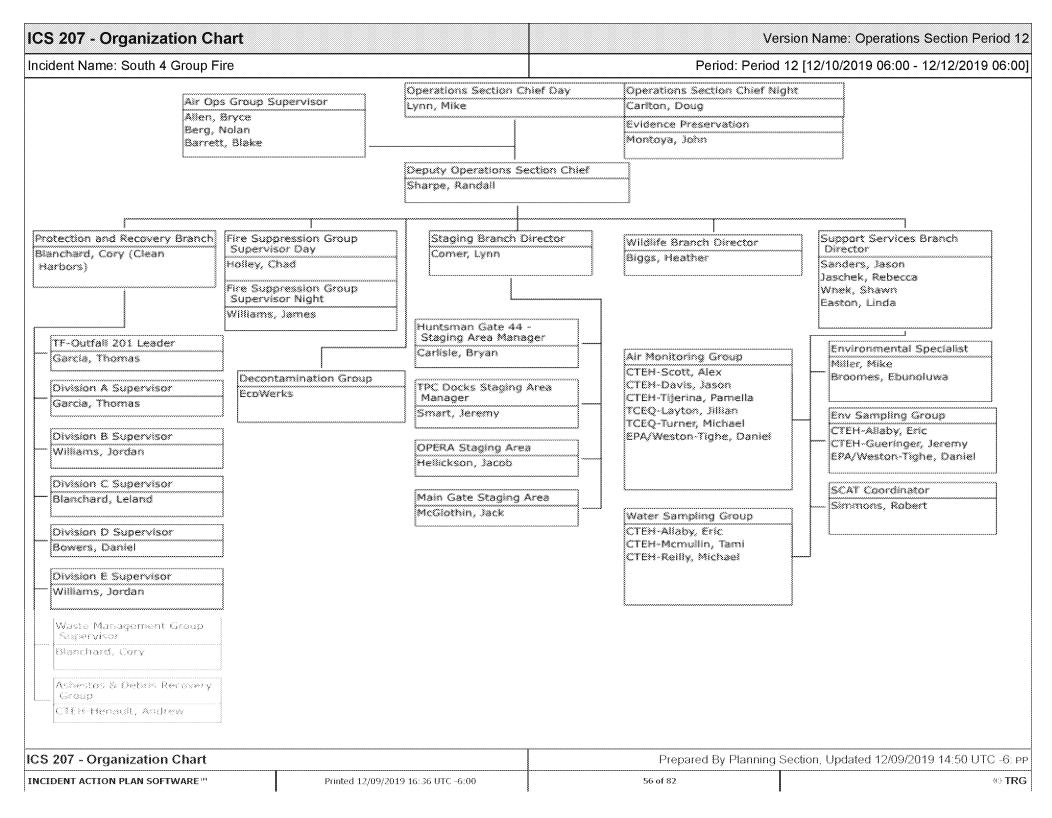
EMERGENCY MEDICAL PROCEDURES

In the event of a medical emergency provide the following information to the Communications Unit.

- 1. Declare the nature of the emergency.
 - Medical injury/illness?
 - If injury/illness, is it Life Threatening?
- 2. If Life Threatening, then request that the designated frequency be cleared for emergency traffic.
- 3. Identify the on-scene Point of Contact (POC) by Resource and Last name.
- 4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates).
- 5. Identify on-scene medical personnel by position and name.
- 6. Identify preferred method of patient transport.
- 7. Request any additional resources and/or equipment needed.
- 8. Document all information received and transmitted on the radio or phone.
- 9. Identify any changes in the on-scene Point of Contact or medical personnel as they occur.

ICS 206 - Medical Plan		Prepared By IAP Support, t	Jpdated 12/09/2019 16:28 UTC -6:00 PP
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/09/2019 16:36 UTC -6:00	54 of 82	© TRG





							1						
ICS:	208 -	Site Safety P	lan						1	ersion/	Name: 11/28/19 -	Site Safety Plan	
Incide	nt Naı	me: South 4 Groເ	ıp Fire					Period: Pe	eriod	12 [12	/10/2019 06:00 - 12	2/12/2019 06:00]	
Applie	s to S	ite: Onsite											
						Site Chara	cterizat	ion					
Wate	•		Land	d				Weather					
Wave	Heigl	ht	Land	d Use				Air Temp)	72 F	ahrenheit		
Speed	k							Wind Sp	eed	15 m	nph		
Direc	tion							Direction	1	NNE			
						Site H	azards						
Yes	No	Hazards		Yes	No	Hazards			Yes	No	No Hazards		
	X	Boat Safety		X		Heat Stre	ss		x		Steam and Hot V	Vater	
X		Chemical Hazar	ds		X	Helicopte	r Operati	ions		X	Trenching/Excav	ation	
	X	Cold Stress		X		Lifting				X	UV Radiation		
	X	Confined Space	s	X		Motor Vel	nicles		x		Visibility		
	x	Drum Handling		X		Noise			x		Weather		
X		Equipment Ope	rations	X		Overhead	I/Buried	Utilities	x		Work Near Wate	r	
	x	Electrical Opera	itions	X		Plants/Wi	ldlife		x		Nuclear Sources		
X		Fatigue		X		Pump Ho	se						
x		Fire, Explosion, Burning	In-situ	X		Slips, Trip	s, and F	alls	-				
						Air Monito	ring Lin	nits	•				
Oxygen Level 1,3-Butadiene								0.5ppm 5	min	Nitrog	en Dioxide	0.2ppm 5 min	
LEL 1% 1 m				in Bu	tane			500pp	m 5 min	Partic	ulate Matter	351ug/m3 5 min	
Hydro	gen S	ulfide		Ca	rbon [Dioxide		5000ppm 5 mir			/OCs	0.5ppm 5 min	
Benze	ene		0.5ppm 5 m	in Ca	rbon N	Vonoxide		25ppm 5	min				
Total	Hydro	carbons		LE	L (acti	ion)		5% 1	min				
						Engineerir	ng Conti	rols					
	Sourc	ce of release sec	ured		Valv	e(s) closed				Ener	gy sources locked/	tagged out	
X	Site s	ecured		X	Facil	lity shut dow	/n						
				Pers	sonal	Protective	Equipm	ent Requ	ired				
	Impe	rvious suit		X	Hard	l hats			x	Boot	S		
		gloves		х		oirators			х		cer Gear		
X	ļ	gloves		Х	-	protection			х	SCB	A - Fresh Air		
X	Flame	e resistant clothir	ıg			onal flotatio			<u> </u>				
	r			Ada	litiona	I Control N	<i>leasure:</i>	s Establis	hed				
x Decontamination x Illumination											tional stations esta	blished	
x Sanitation Medical surveilla							ance		x	Facil	lities provided	***************************************	
Work P									·····				
x	Boon					ıvation				Hot v			
x	Skimi			x		vy equipmer					ed		
x Vac trucks Sorbent pads				······									
x	Pump	Ding			Patc	hing							
ICS 2	08 - S	ite Safety Plan					Prepare	ed By Planr	ning P	lanning	, Updated 12/08/2019	9 04:00 UTC -6 PP	
INCIDE	NCIDENT ACTION PLAN SOFTWARE ¹¹⁰ Printed 12/09/2019 16:36 UTC -6:00							57 of	82			© TRG	

ICS	208 - Site Safe	ety Plan			Version Name: 11/28/19 - Site Safety Plan						
Incid	ent Name: South 4	4 Group Fire				Period: Period 1	2 [12/10/2019 06:00) - 12/12/2019 06:00]			
				Tra	ining			-			
x	Verified site work regulatory require		ocal/fe			Annual Emergen	cy Response Trainir	ng			
				Orgai	nizatio	on					
Posit	ion	Name		Telephone/Radio	Pos	ition	Name	Telephone/Radio			
Incid	ent Commander	McDonald, Sco	tt	(b) (6)	Ope Chie	rations Section of	Lynn, Gordon	(b) (6)			
Safe ⁻	ty Officer	Clifton, Chrisy		(b) (6)							
				Emerge	ency l	Plan					
	Fire Prevention I	Plan	x	Evacuation Plan	า						
	Alarm System		x	First Aid Location	n						
				Notifi	catio	ns					
	Facility			Phone		Facility	T	Phone			
X	Hospital Medical Center of SETX		409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900				
X	Ambulance	Acadian EMS		409-980-7740		Law Enforcement					
X	Air Ambulance	Acadian AirM	ed	409-980-7740		Emergency Response/Rescu	1				
				Initial	Rriefi	1-					
	Initial safety brief	fing prepared for	each:			,, <u>,,</u>					
	1	9		Attachment	s/Apr	pendices					
Atta	Attachment Filename										
TPC	Boom Placement	Imagery.PNG.pr		TPC Boom Pla	aceme	ent Imagery.pdf					
ics :	208 - Site Safety F	Plan			Pre	pared By Planning Pla	anning, Updated 12/08	/2019 04:00 UTC -6 pp			
INCIE	ENT ACTION PLAN SO	FTWARE ¹¹⁹ Printed	12/09/.	2019 16:36 UTC -6:00	58 of 82 © TRG						

ICS 2	208 -	Site Safety P	lan								Vi	ersion Name: 11/	29/19	9 - Staging 15
Incide	nt Nar	ne: South 4 Groເ	ıp Fire						Period: Pe	eriod	12 [12	/10/2019 06:00 -	12/1	2/2019 06:00]
Applie	s to S	ite: Staging 15	***************************************											
							Site Chara	cterizat	ion					
Water			Land	t					Weather					
Wave	Heigh	nt	Land	d Us	se				Air Temp)	72 F	ahrenheit		
Speed	t								Wind Sp	eed	15 n	nph		
Direct	tion							Direction NNE						
							Site H	azards						
Yes	No	Hazards		Ye	s	No	Hazards	Y			No	No Hazards		
	x	Boat Safety]	X	Fire, Explo	osion, In	-situ		x	Pump Hose		
х	$\overline{\Box}$	Chemical Hazar				Burning Heat Stres			х	$+$ \Box	Slips, Trips, an	nd Fa	lls	
	x	Cold Stress	40		7	x	Helicopter		ions		x	Steam and Hot		
H	X	Confined Space	· · · · · · · · · · · · · · · · · · ·				Lifting	Ороган	10113		X	Trenching/Exc		
\vdash	X	Drum Handling			 ,]		Motor Veh	nicles		片	X	UV Radiation		
x		Equipment Ope								х	+	Visibility		
	x	Electrical Opera						/Ruried	Itilities	x		Weather		
x		Fatigue	1110110	x	 ,]		Plants/Wil				<u> </u>	Work Near Wa	ıter	
		runguo			א	Ш.	Air Monito		nite			WORK I YOUR WALL	101	
Oxyge	n Lev	ام		1	3.	Butad		inig Eni		min	Nitrog	en Dioxide		0.2ppm 5
r,o Batadioni				icric		о.орриго	111111	Millog	CII DIOXIGE		min			
LEL 1% 1 mir			n E	3ut	ane			500ppm !	5min	Partic	ulate Matter		351ug/m3 5 min	
Hydro	gen S	ulfide		Carbon Dioxide					5000pp	m 5 min	Total '	VOC		5ppm 5min
Benze	ne				Car	bon M	lonoxide	noxide 25ppm 5m						
Total I	Hydro	carbons		TL	EL	. ACTI	ON		5% 1	min				
						ı	Engineerin	ıg Conti	rols					
	Sourc	e of release sec	ured]	Valve	(s) closed				Ene	rgy sources locke	ed/tag	ged out
х	Site s	ecured		х		Facilit	y shut dow	/n						
				Pe	ers	onal F	Protective .	Equipm	ent Requ	ired				
	Imper	vious suit		х		Hard	hats			х	Boot	ts		
	Inner	gloves		х		Respi	rators			х	SCE	3A		
х	Outer	gloves		х		Eye p	rotection							
х	Flame	e resistant clothin	ıg	х		Perso	nal flotatio	n						
				Ac	ldi	tional	Control M	leasure:	s Establis	hed				
x	Deco	ntamination		×	(Illumii	nation	***************************************			Add	itional stations es	tablis	shed
x	Sanita	ation		i	İ	Medic	al surveilla	ınce		x	Faci	lities provided		
			······································			***************************************	Work	Plan			k			
Booming Excavation							vation				Hot	work		***************************************
	Skimr	ming		x	<u> </u>	Heav	y equipmer	 ìt			Арр	ropriate permits u	ısed	
	Vac ti	rucks		i		Sorbe	ent pads							
	Pump	 Ding				Patch								
			ŧ						!	•	1			
ICS 20	08 - Si	ite Safety Plan						Prepare	ed By Planr	ning P	lanninc	g, Updated 12/08/20	019 O	4:02 UTC -6 PP
	NCIDENT ACTION PLAN SOFTWARE ¹¹⁸ Printed 12/09/2019 16:36 UTC -6:00							0 59 of 82 © TRG				© TRG		

Training	ics	208 - Site Safe	ety Plan			Version Name: 11/29/19 - Staging 15							
Verified site workers trained per local/federal Training Requirements	Incid	ent Name: South 4	4 Group Fire			Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]							
Position Name Telephone/Radio Telephone/Radio					Tra	ining							
Position Name Telephone/Radio Position Name Telephone/Radio Incident Commander Hollier, Kurt 10 (6) Safety Officer Operations Section Chief Operations Section Operations Operations Section Operations	x			cal/fed		nents	Annual Emergen	cy Response Trainii	ng				
Incident Commander Safety Officer Ciltion, Christy Di (6) Safety Officer Dorsa, Clayton Di (6) Operations Section Chief Dorsa, Clayton Dorsa,					Orgai	nizatio	on						
Safety Officer Clifton, Chrisy Dica Safety Officer Dorsa, Clayton Posit	ion	Name	7	elephone/Radio	Posi	tion	Name	Telephone/Radio					
Coperations Section Chief	Incid	ent Commander	McDonald, Scot	tt		Incid	lent Commander	Hollier, Kurt	(b) (6)				
Chief Chief Chief	Safe	ty Officer	Clifton, Chrisy	C	o) (6)	Safe	ty Officer	Dorsa, Clayton	(b) (6)				
Fire Prevention Plan X Evacuation Plan X First Aid Location Notifications			Lynn, Gordon	C	o) (6)								
Notifications Notifications					Emerge	ency F	Plan						
Notifications Facility Phone Facility Phone SETX Hospital Medical Center of SETX Ambulance Acadian Ambulance 800-259-1111 Law Enforcement Emergency Response/Rescu Initial Briefing Initial safety briefing prepared for each site Initial Briefing Initial Safety Briefing		Fire Prevention I	Plan	x	Evacuation Plan	า							
Facility		Alarm System		x	First Aid Location	on							
Medical Center of SETX					Notifi	catio	าร						
SETX		Facility			Phone		Facility		Phone				
Enforcement Emergency Rescue Initial Briefing Initial safety briefing prepared for each site Initial Safety briefing Initial	X				x	Fire		409-853-5900					
Initial Briefing Initial safety briefing prepared for each site Initial Safety briefing prepared for each site	X	Ambulance Acadian Ambulance		ulance	800-259-1111								
Initial safety briefing prepared for each site Initial safety briefing prepared for each site ICS 208 - Site Safety Plan Prepared By Planning Planning, Updated 12/08/2019 04.02 UTC -6 P	X						Response/Rescu						
ICS 208 - Site Safety Plan Prepared By Planning Planning, Updated 12/08/2019 04:02 UTC -6 P					Initial	Driofi	1-						
ICS 208 - Site Safety Plan Prepared By Planning Planning, Updated 12/08/2019 04:02 UTC -6 P		Initial andata baias				Dile!!	''y						
			Υ	12/09/20	119 16:36 UTC -6:00	Prep		anning, Updated 12/08	5/2019 04:02 UTC -6 pp © TRG				

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ICS 2	208 -	Site Safety P	lan								Ver	sion	Name: 12/06/19	- Dock Staging
Incide	nt Nar	me: South 4 Groເ	ıp Fire						Period: Pe	eriod	12 [12	2/10	/2019 06:00 - 12/	12/2019 06:00]
Applie	s to S	ite: Staging 15										************		
							Site Chara	cterizat	ion					
Water	•		Land	d					Weather					
Wave	Heigl	nt	Land	d U	se				Air Temp)	79 I	Fahr	renheit	
Speed	t t								Wind Sp	eed	11 r	mph		
Direct	tion								Direction	1	WN	W		
							Site H	azards						
Yes	No	Hazards		Ye	es	No	Hazards	azards			No	o H	lazards	
	x	Boat Safety				X	Fire, Explo	osion, In	-situ		X] F	Pump Hose	
х		Chemical Hazar	ds	ds 🗶 Hea				ss		X] S	Slips, Trips, and F	alls
	х	Cold Stress	☐ x Helicopte					⁻ Operati	ions		х] S	Steam and Hot Wa	nter
	X	Confined Space	s			x	Lifting				x] T	renching/Excavat	ion
	х	Drum Handling		[2	x		Motor Veh	nicles			x] L	JV Radiation	
х		Equipment Ope	rations	ations x Noise						X] \	/isibility	
	х	Electrical Opera	tions 🔲 🕱 Overhead					/Buried I	Utilities	X] V	V eather	
X		Fatigue x Plants/Wi				dlife			x] V	Vork Near Water			
							Air Monito	ring Lin	nits					
Oxygen Level 1,3-Butadiene					liene	0.5ppm 5 min Nitrogen Diox			Dioxide	0.2ppm 5 min				
LEL 1% 1 mi			in	But	ane			500ppm !	ōmin	Partio	culat	te Matter	351ug/m3 5 min	
Hydro	gen S	ulfide		Carbon Dioxide					5000pp	m 5 min	Total	VO	С	5ppm 5min
Benze	ne			1	Car	bon M	lonoxide	25ppm 5min						
Total	Hydro	carbons		1	LEL	. ACT	ION		5% 1	min				
							Engineerin	g Conti	rols					
	Sourc	ce of release sec	ured			Valve	(s) closed				Ene	ergy	sources locked/ta	gged out
х	Site s	ecured		[:	x	Facili	ty shut dow	'n						
				P	ers	onal l	Protective	Equipm	ent Requ	ired				
	Impei	vious suit		[:	x	Hard	hats			х	Boo	ots		
	Inner	gloves			X	Resp	irators			х	SCI	ВА		
х	Outer	gloves		[x	Eye p	rotection							
x	Flame	e resistant clothir	g	[x	Perso	nal flotatio	n						
				Α	ddi	tional	Control M	leasures	s Establis	hed				
х	Deco	ntamination]	x	Illumi	nation				Add	litior	nal stations establ	ished
х	Sanit	ation				Medic	cal surveilla	ince		х	Fac	ilitie	es provided	
			•••••••••••••••••••••••••••••••••••••••		***********		Work	Plan						
	Boon	ning				Exca	vation	***************************************			Hot	woi	rk	
	Skimi	ming			x	Heav	y equipmer	nt			Арр	oropi	riate permits used	
	Vac ti	rucks		i		Sorbe	ent pads							
	Pump	 Ding				Patch	ing							
,	•		•	•		•			,		1			
ICS 2	08 - Si	ite Safety Plan						Prepare	ed By Planr	ing P	lannin	g, Uı	pdated 12/08/2019 (04:08 UTC -6 pp
	ICIDENT ACTION PLAN SOFTWARE ¹¹⁶ Printed 12/09/2019 16:36 UTC -6:00								61 of					© TRG

ICS	208 - Site Safe	ety Plan					Version Name: 12/	06/19 - Dock Staging				
Incid	ent Name: South 4	4 Group Fire			Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]							
				Tra	ining							
x	Verified site work regulatory require	cers trained per lo ements	cal/fed	leral Training Require r	nents		ıcy Response Trainii	ng				
				Orgai	nizatio	on						
Posit	tion	Name	7	elephone/Radio	Posi	tion	Name	Telephone/Radio				
Incid	ent Commander	McDonald, Scot	tt		Incid	lent Commander	Hollier, Kurt	(b) (6)				
Safe	ty Officer	Clifton, Chrisy	C	o) (6)	Safe	ty Officer	Dorsa, Clayton	(b) (6)				
Oper Chie	rations Section f	Lynn, Gordon	C	o) (6)	Ope Chie	rations Section f	Park, Johnny	(b) (6)				
				Emerge	ency F	Plan						
	Fire Prevention I	Plan	x	Evacuation Plan								
	Alarm System		x	First Aid Location	n							
				Notifi	catio	าร						
	Facility			Phone		Facility		Phone				
X	Hospital Medical Center of SETX		409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900					
X	Ambulance Acadian Ambulance		ulance	800-259-1111		Law Enforcement						
x	Air Ambulance			Emergency Response/Rescu	ı							
				Initial	Rriofi	<u> </u> -						
	Initial cofety brief	fing prepared for	ooob ci			9						
	208 - Site Safety F PENT ACTION PLAN SOF	Υ	12/09/20	119 16:36 UTC -6:00	Prep	pared By Planning Pl 62 of 82	anning, Updated 12/08	3/2019 04:08 UTC -6 pp © TRG				
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ICS 2	208 -	Site Safety Pl	an				Version Name:	: 12/08/	19 - U:	se of Motorized Equipment Safety Plan
Incide	nt Nar	ne: South 4 Grou	p Fire				Period: F	Period 1	2 [12/	10/2019 06:00 - 12/12/2019 06:00]
Applie	s to S	ite: Use of Motori	ized Equipr	ment in	Facili	ty				
						Site Chara	cterization			
Water			Lan	ıd			Weathe	r		
Wave	Heigh	nt	Lan	d Use			Air Tem	р		
Speed	1						Wind S	peed		
Direct	ion						Direction	on .		
						Site Ha	azards			
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards
	X	Boat Safety		x		Fire, Explo	osion, In-situ		x	Pump Hose
x		Chemical Hazard	ds	х		Heat Stres	SS	х		Slips, Trips, and Falls
	х	Cold Stress			х	Helicopter	Operations		х	Steam and Hot Water
	x	Confined Spaces	S		x	Lifting			х	Trenching/Excavation
	x	Drum Handling		x		Motor Veh	icles		х	UV Radiation
х		Equipment Oper	ations	x		Noise			х	Visibility
	х	Electrical Operat	tions	x		Overhead	/Buried Utilities		х	Weather
x		Fatigue			х	Plants/Wile	dlife		Work Near Water	
						Air Monito	ring Limits			
Oxyge	n Lev	el	19.5% 21.5		lroger	n Sulfide		٦	Γotal H	lydrocarbons
LEL				0 Ber	nzene					
						Engineerin	g Controls			
	Sourc	e of release secu	red		Valve	e(s) closed			Energ	gy sources locked/tagged out
x	Site s	ecured		x	Facili	ity shut dow	n			
				Pers	onal	Protective I	Equipment Requ	uired		
	Imper	vious suit		X	Hard	hats		x	Boots	5
	Inner	gloves		x	Resp	oirators		x	Poter	ntial for Resp Prot
	Outer	gloves		x	Eye p	orotection				
X	Flame	resistant clothing	g		Perso	onal flotation	า			
				Addi	tiona	l Control M	easures Establi	shed		
X	Deco	ntamination		x	Illumi	ination			Addit	ional stations established
X	Sanita	ation			Medi	cal surveilla	nce		Facili	ties provided
						Work	Plan			
	Boom	ing			Exca	vation		x	Hot w	vork
	Skimr	ning		x	Heav	y equipmen	t		Appro	opriate permits used
x	Vac tr	rucks			Sorb	ent pads				
x	Pump	ing			Patcl	ning				
						Trail	ning			
		d site workers tra tory requirements		cal/fede	eral	Training Requirem	ents			
ICS 20)8 - Si	te Safety Plan					Prepared By Ch	nrisy Clif	ton, Up	odated 12/08/2019 04:17 UTC -6:00 PP
INCIDE	NT ACT	ON PLAN SOFTWARE	Printed	12/09/201	19 16:36	UTC -6:00	:00 63 of 82 (c) TF			

ics	208 - Site Safe	ety Plan			Ve	rsion Name: 12/08	/19 - Use of Motorize	d Equipment Safety Plan
Incid	ent Name: South 4	4 Group Fire				Period: Period	12 [12/10/2019 06:00	- 12/12/2019 06:00]
				Organ	izatio	on		
Posit	tion	Name	7	elephone/Radio	Posi	ition	Name	Telephone/Radio
Incid	ent Commander	McDonald, S	cott (0) (6)	Ope Chie	rations Section of	Holley, Chad	(b) (6)
Incid	ent Commander	Hollier, Kurt	C	0) (6)	Ope Chie	rations Section	Williams, James	(b) (6)
Safe	ty Officer	Clifton, Chris	v (0) (6)		<u>* </u>		
	- y		<i>y</i>	Emerge	ncy F	Plan		
x	Fire Prevention F	Olan		Evacuation Plan				
		lali	X	First Aid Locatio				
	Alarm System							
				Notific	atioi			
	Facility	T		Phone	F	Facility		Phone
x	Hospital	Medical Ce SETX		409-853-5900	X	Fire	Port Neches Fire Dept	409-853-5900
X	Ambulance	Acadian EN	VIS 	409-980-7740		Law Enforcement		
x	Air Ambulance	Acadian Ai	r Med	409-980-7740		Emergency Response/Resc e	u	
				Initial L	3 <i>riefi</i>	ng		
П	Initial safety brief	fing prepared f	or each si	ite				
				Attachments	:/Apr	endices		
Atta	chment			Filename				
	of Motorized Equip	mant Cafati F	Non door		-d ["-a	uipment Safety Pla		
100	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	**************************************			I	1 PA - A 1		48 04 49 1 1990 - 0 00
	208 - Site Safety F		1.140.55	NO 46 26 UTO	₽r H		fton, Updated 12/08/20	
INCIE	ENT ACTION PLAN SOF	- IWARE Pri	nted 12/09/20	019 16:36 UTC -6:00		64 of 82		© TRG

ICS 2	208 -	Site Safety P	lan							Versi	on N	am	e: 12/03/19 - Tank	25 Safety Plan
Incide	nt Nar	ne: South 4 Groເ	ıp Fire						Period: Pe	eriod	12 [1	2/1	0/2019 06:00 - 12/	12/2019 06:00]
Applie	s to S	ite: Tank 25	***************************************											
							Site Chara	cterizat	ion					
Water			Land	t					Weather					
Wave	Heigl	nt	Land	d Us	se				Air Temp)	66	Fa	hrenheit	
Speed	i								Wind Sp	eed	7 n	nph	1	
Direct	ion								Direction	1	SS	W		
							Site H	azards						
Yes	No	Hazards		Ye	s	No	Hazards			Yes	N	0	Hazards	
	x	Boat Safety		X			Fire, Explo	osion, In	-situ		×	(Pump Hose	
x		Chemical Hazai	ds	х			Heat Stres	ss		Х			Slips, Trips, and F	alls
	х	Cold Stress				x	Helicopter	Operati	ions	х			Steam and Hot Wa	ater
	х	Confined Space	:S			x	Lifting				Х		Trenching/Excavat	ion
							Motor Veh	nicles			Х	(UV Radiation	
x Equipment Operations x Noise						Noise	x Visibility							
x Electrical Operations x Overhe						Overhead	ead/Buried Utilities x Weather							
						Plants/Wil	ldlife		х			Work Near Water		
						,	Air Monito	ring Lin	nits					
Oxyge	n Lev	el		1	,3-	Butad	iene					0.2ppm 5 min		
LEL			1% 1 m	in E	Buta	ane		500ppm 5 Particulate Matter 351ug, min				351ug/m3 5 min		
Hydro	gen S	ulfide		C	ar	bon D	ioxide	5000ppm 5 min				OCs	0.5ppm 5 min	
Benze	ne		0.5ppm 5 m	in C	ar	bon M	onoxide	25ppm 5 min						
Total I	-lydro	carbons		L	EL	. (actic	n)		5% 1	min				
						1	Engineerin	ig Conti	rols					
	Sourc	e of release sec	ured			Valve	(s) closed				En	erg	y sources locked/ta	gged out
X	Site s	ecured		х		Facilit	y shut dow	'n						
				Pe	rs	onal F	Protective	Equipm	ent Requi	ired				
	Impe	vious suit		X		Hard	hats			х	Bo	ots		
	Inner	gloves		X		Respi	rators			х	Bui	nke	er Gear	
X	Outer	gloves		х		Eye p	rotection			х	SC	ΒA	Fresh Air	
x	Flame	e resistant clothir	ıg]	Perso	nal flotatio	n						
				Ac	ldi	tional	Control M	leasure:	s Establis	hed				
	Deco	ntamination		×		Illumii	nation				Ade	diti	onal stations establ	ished
x	Sanit	ation				Medic	al surveilla	ınce		х	Fac	cilit	ies provided	
							Work	Plan						
	Boon	ning				Excav	ation/				Ho	tw	ork	
Skimming x Heavy equipr							y equipmer	nt			Apı	pro	priate permits used	
Vac trucks Sorbent pads						ent pads			x	Ins	pe	ction		
	Pump	ping				Patch	ing							
								•						
ICS 20	08 - Si	te Safety Plan	·············					Prepa	red By Chr	isy CI	ifton,	Up	dated 12/08/2019 04:	30 UTC -6:00 PP
INCIDE	DENT ACTION PLAN SOFTWARE™ Printed 12/09/2019 16:36 UTC -6:00						UTC -6:00	65 of 82 © TRG						

ICS	208 - Site Safe	ety Plan				Versi	on Name: 12/03/19	- Tank 25 Safety Plan				
Incid	ent Name: South 4	4 Group Fire				Period: Period	12 [12/10/2019 06:0	0 - 12/12/2019 06:00]				
		-		Tra	ining			-				
x	Verified site work regulatory require	kers trained per lo ements	cal/fe				Basic Plus Training					
				Organ	iizatio	on						
Posit	ion	Name		Telephone/Radio	Posi	ition	Name	Telephone/Radio				
Incid	ent Commander	Kurt Hollier		(b) (6)	Incid	lent Commander	McDonald, Scott	(b) (6)				
Safet	y Officer	Dorsa, Clayton		(b) (6)	Safe	ty Officer	Clifton, Chrisy	(b) (6)				
Oper Chiet	ations Section	Gehrke, Brian		(b) (6)	Ope Chie	rations Section f	Lynn, Gordon	(b) (6)				
				Emerge	ncy I	Plan						
	Fire Prevention I	Plan	x	Evacuation Plan	1							
	Alarm System		x	First Aid Locatio	n							
				Notific	catio	7S						
	Facility			Phone		Facility		Phone				
x	Hospital	Medical Cente SETX	r of	409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900				
X	Ambulance	Acadian EMS		409-980-7740		Law Enforcement						
x	Air Ambulance	Acadian AirMe	ed	409-980-7740		Emergency Response/Resc e	u					
				Initial	Briefi	nq						
	Initial safety brief	fing prepared for e	each s									
	1	<u> </u>		Attachments	s/Apr	endices						
Attac	hment			Filename								
Tank	25 Inspection Sat	fety Plan docx		Tank 25 Inspec	Tank 25 Inspection Safety Plan.docx							
ICS 2	:08 - Site Safety I	Plan			Pr	epared By Chrisy Cli	fton, Updated 12/08/2	019 04:30 UTC -6:00 PP				
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ICS 208 - Site Safety Plan Incident Name: South 4 Group Fire						Versio	n Nam	e: 11/29/19 - El	ectrical Safet	y Plan			
Incide	nt Nar	me: South 4	Group Fi	re				Period: F	eriod	12 [12/	10/2019 06:00	- 12/12/2019	06:00]
Applie	s to S	ite: Electric	al Safety	Plan									
							Site Chara	acterization					
Wate				Lan	d			Weathe	r				
Wave	Heigh	nt		Lan	d Use	?		Air Tem	p	70 Fa	ahrenheit		
Spee	d							Wind S _l	peed	13 m	ph		
Direc	tion							Directio	n	SE			
	,	_					Site H	azards					
Yes	No	Hazards			Yes	No	Hazards		Yes	No	Hazards		
	x	Boat Safety				x	Burning	osion, In-situ		x	Pump Hose		
Х		Chemical F			X		Heat Stre		x		Slips, Trips, a		
☐ x Cold Stress ☐ x Helicopter Operations										х	Steam and Ho		
	X Confined Spaces X Lifting								$\perp \perp$	X	Trenching/Exc	cavation	
	X	Drum Hand			X		Motor Vel	hicles	14	X	UV Radiation		
x Equipment Operations x Noise									$\bot \sqcup$	x	Visibility		
x Electrical Operations x Overhead/Burier									x	$\perp \perp$	Weather		
x Fatigue x Plants/Wildlife										x	Work Near W	ater	
								oring Limits					
	en Lev	ei					Sulfide			lotal F	lydrocarbons		
LEL					Be	enzene	<u> </u>						
	Cours	o of rologo	s s s u ma d					ng Controls	T —	Enon	av compos look	ad/tagged au	.1
		e of release	securea		x		e(s) closed ity shut dow		$+$ \square	Energ	gy sources lock	ed/tagged ou	ι
х	Site 3	ecured					-		irad				
	Impor	vious suit					e resistant	Equipment Requ		Evor	protection		
		gloves			X	Hard			X		onal flotation		
x		gloves					irators			Boots			
	Outor	9.0100			Ada			leasures Establi.	1	Door			
	Deco	ntamination			T 🗆		ination		T \Box	Addit	ional stations e	stablished	
	Sanita				一		cal surveilla	ance	$+ \Box$		ties provided		
]								k Plan					
	Boom	ning				Exca	vation		ΤП	Hot v	/ork		
	Skimr	ming			\Box	Heav	y equipme	nt	 	Appr	opriate permits	used	
П	Vac ti	rucks			\sqcap	Sorb	ent pads		1				
	Pump	oing				Patcl	ning						
					·•		Trai	ining					
	Verified site workers trained per local/federal regulatory requirements Training Requirements												
							Organ	nization					
Positi	on		Name		-	Telepho	one/Radio	Padio Position Name Telephone/Radio			Radio		
Incide	nt Cor	nmander	Hollier, K	lurt	(b) (6)		Safety Officer		Dorsa	a, Clayton	(b) (6)	l
Incide	nt Cor	mmander 	McDonal	d, Scott	t			Operations Section Lynn, Gordon (b) (6) Chief					
ICS 2	08 - Si	ite Safety P					Prepared By Chrisy Clifton, Updated 12/08/2019 04:31 UTC -6:00 PP						
INCIDE	NT ACT	ION PLAN SOFT	WARE!!	Printed	12/09/2	019 16:36	UTC -6:00	67 (of 82				© TRG

ICS:	208 - Site Safet	y Plan					Version	Name: 11/29/19 - E	lectrical Safety Plan
Incide	ent Name: South 4	Group Fire					Period: Period 1:	2 [12/10/2019 06:00	- 12/12/2019 06:00]
Safet	y Officer	Clifton, Ch	risy	(b)	(6)	Opei Chie	rations Section f	Carlton, Doug	(b) (6)
					Emerge	ncy F	lan		
	Fire Prevention PI	an		х	Evacuation Plan	1			
	Alarm System			х	First Aid Locatio	n			
					Notific	cation	IS .		
	Facility				Phone		Facility		Phone
x	Hospital	Medical C Southeas			409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900
x	Ambulance	Acadian I	EMS		409-980-7740		Law Enforcement		
x	Air Ambulance	Acadian A	AirMed	b	409-980-7740		Emergency Response/Rescu		
							е		
					Initial I	Briefi	ng		
	Initial safety briefin	ng prepared	d for e	ach si	te 				
ICS 2	08 - Site Safety Pl	 an				Pre	epared By Chrisy Clift	on, Updated 12/08/201	9 04:31 UTC -6:00 pp
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ICS 2	208 -	Site Safety P	lan						Ve	rsion	Nam	ie:	11/29/19 - Site Wat	er Safety Plan
Incide	nt Nar	ne: South 4 Groເ	ıp Fire						Period: Pe	eriod	12 [1:	2/1	0/2019 06:00 - 12/1	2/2019 06:00]
Applie	s to S	ite: Water Sourc	es											***************************************
							Site Chara	cterizat	ion					
Water			Land	k					Weather					
Wave	Heigh	nt	Land	U	se				Air Temp)	72	Fal	hrenheit	
Speed	t								Wind Sp	eed	15	mp	h	
Direct	tion								Direction	1	NN	E		
							Site H	azards						
Yes	No	Hazards		Υє	es	No	Hazards			Yes	N	0	Hazards	
x		Boat Safety				x	Fire, Explo	osion, In	-situ		x		Pump Hose	
х		Chemical Hazai	ds		x		Heat Stres	 SS		х			Slips, Trips, and Fa	alls
	x	Cold Stress			<u>`</u>	×	Helicopter		ions		x	<u>-</u>	Steam and Hot Wa	
H	x	Confined Space	es	Ť	_	X	Lifting				x	=	Trenching/Excavat	
x							Motor Veh	nicles			X	=	UV Radiation	
						ļ								
Land Land							ead/Buried Utilities x Weather							
						Plants/Wil								
		<u> </u>		L			Air Monito	rina Lin	nits					
Oxyge	n Lev	el		Ţ.	1.3-	·Butad		<i>-</i>		min	Nitro	aeı	n Dioxide	0.2ppm 5
,,,					, -			min						
LEL			1% 1 mi	n E	But	ane		500ppm 5min Particulate M				ate Matter	351ug/m3 5 min	
Hydro	gen S	ulfide		(Car	bon D	ioxide	5000ppm 5 Total VOC			OC	5ppm 5min		
Benze	ne		0.5ppm 5m	in	Car	bon M	onoxide	25ppm 5min						
Total	Hydro	carbons		Ti	LEL	. ACTI	ON		5% 1	min				
						ı	Engineerin	ıg Conti	rols					
	Sourc	ce of release sec	ured			Valve	(s) closed				Ene	erg	y sources locked/ta	gged out
х	Site s	ecured		7	X	Facilit	y shut dow	n						
				P	ers	onal F	Protective	Equipm	ent Requ	ired				
	Imper	vious suit		7	x	Hard	hats			х	Boo	ots		
	Inner	gloves				Respi	rators			х	Esc	сар	e pack	
х	Outer	gloves		7	X	Eye p	rotection							
х	Flame	e resistant clothin	ıg	[X	Perso	nal flotatio	n						
				A	ddi	tional	Control M	leasure:	s Establis	hed				
х	Deco	ntamination		,	x	Illumii	nation				Add	ditio	onal stations establ	ished
x	Sanita	ation			Ī	Medic	al surveilla	ınce		x	Fac	ilit	ies provided	
							Work	Plan						
x	Boom	ning				Excav	/ation	***************************************			Hot	W	ork	
х								 ìt			App	oro	priate permits used	
x Vac trucks x Sorbent pads						ent pads								
Πİİ	Pump	 ping		-	İ	Patch								
,	•		ŧ						:	•	'			
ICS 2	08 - Si	ite Safety Plan						Prepa	ired By Chr	isy Cl	ifton. I	Upo	dated 12/08/2019 04:3	32 UTC -6:00 PP
	208 - Site Safety Plan IDENT ACTION PLAN SOFTWARE ¹¹⁸ Printed 12/09/2019 16:36 UTC -6:00							69 of 82 © TRG						

ıcs	208 - Site Safe	ety Plan				Version I	Name: 11/29/19 - Sit	e Water Safety Plan				
Incide	ent Name: South 4	Group Fire				Period: Period 1	2 [12/10/2019 06:00	- 12/12/2019 06:00]				
				Tra	ining							
x	Verified site work regulatory require	ters trained per lo ements	cal/fed	deral Training Requiren	nents		cy Response Trainin	g				
				Orgar	oizatio	on						
Posit	ion	Name	7	Telephone/Radio	Posi	tion	Name	Telephone/Radio				
Incide	ent Commander	Hollier, Kurt	(b) (6)	Incid	lent Commander	McDonald, Scott	(b) (6)				
Safet	y Officer	Dorsa, Clayton	(b) (6)	Safe	ty Officer	Clifton, Chrisy	(b) (6)				
Oper Chief	ations Section	Park, Johnny		b) (6)	Ope Chie	rations Section of	Lynn, Gordon	(b) (6)				
				Emerge	ncy F	Plan						
x	Fire Prevention F	Plan	x	Evacuation Plan								
	Alarm System		x	First Aid Location	n							
				Notifi	fications							
	Facility			Phone		Facility		Phone				
x	Hospital	Medical Cente SETX	r of	409-853-5900	X	Fire	Port Neches Fire Department	409-853-5900				
x	Ambulance	Acadian Ambu	lance	800-259-1111		Law Enforcement						
x	Air Ambulance	Southeast Tex Rescue	as Air			Emergency Response/Rescu						
				Initial	Briefi	-						
	Initial safety brief	fing prepared for e	ach s			··· <i>y</i>						
ICS 2	08 - Site Safety F	Plan			Pr	epared By Chrisy Clift	on, Updated 12/08/20*	19 04:32 UTC -6:00 PP				
INCID	ENT ACTION PLAN SOF	TWARE Printed	12/09/20	019 16:36 UTC -6:00	Prepared By Chrisy Clifton, Updated 12/08/2019 04:32 UTC -6:00 PF							

ICS 208 - Site Safety Plan Incident Name: South 4 Group Fire							Version Na	ame: 1	12/08/	19 - S	ite PPE Requi	rements Safety Plar		
Incident Name: South 4 Group Fire Applies to Site: PPE Requirements									Perio	od: Pe	riod 1	2 [12/	10/2019 06:00	- 12/12/2019 06:00
Applie	s to S	ite: PPE Re	quire	ments										
							•	Site Chara	cterization					
Water Wave Speed Direc	Heigl d	ht		Lar Lar	nd Id Use	е			Air ' Win	ather Temp d Spe ection	ed			
								Site H	azards					
Yes	No	Hazards			Yes	s N	lo	Hazards			Yes	No	Hazards	
	x	Boat Safety	′		x			Fire, Explo	osion, In-situ			x	Pump Hose	
х		Chemical H	lazar	ds	x			Heat Stres	ss		x		Slips, Trips, a	and Falls
	х	Cold Stress	3			[X	Helicopter	Operations			х	Steam and H	lot Water
	x	Confined S		s 			X	Lifting				х	Trenching/Ex	
x Drum Handling x Motor Ve									nicles			x	UV Radiation	1
x Equipment Operations x Noise											Ц.	х	Visibility	
									/Buried Utiliti	es	Щ.	X	Weather	
x Fatigue x Plants/Wil												x	Work Near V	<i>l</i> ater
	·			12.70					ring Limits		1_			
	en Lev	rel		19.5% 20.5	5%			Sulfide			7	otal H	lydrocarbons	
LEL					0 B	enze								
					Т.				g Controls			I		
		ce of release	secu	ıred				(s) closed				Energ	gy sources loc	ked/tagged out
x	Site s	secured			<u> x</u>			y shut dow						
	Ι.				T				Equipment I	Requi		Ι		
	<u> </u>	rvious suit			X			resistant o	clothing		x		protection	
		gloves			X			hats			X	Boots	onal flotation	
	Outer	gloves			X			rators	leasures Est	hablic	X had	Doors)	
	Dogo	ntamination			т			nation	leasures Est	aviisi	reu -	Vadit	ional stations o	actablished
x	Sanit				X	_		al surveilla	nce		<u></u>		ties provided	- Stabilisticu
<u> </u>	Carne	ation				IVIC			: Plan			ı acııı	tics provided	
	Boom	nina				Fx	cav	ation	. , ,u,,	П		Hot w	/ork	
	Skimi							/ equipmer					opriate permits	sused
lii		rucks						nt pads					· · · · · · · · · · · · · · · · · · ·	
	Pump						itch							
	J		nannanananana				-	Trai	ning			1	economica de la compansión de la compans	
Verified site workers trained per local/federal Training regulatory requirements Requirements Requirements									ients					
Organi									ization					
Positi	OI)		Nam	е е		Telej	oho	ne/Radio	Position			Name	?	Telephone/Radio
Incide	nt Cor	mmander	McD	onald, Scot	īt ((b) (6	5)		Operations S Chief	Sectio	n	Holle	y, Chad	(b) (6)
ICS 2	08 - S	ite Safety Pl	an						Prepared By Chrisy Clifton, Updated 12/08/2019 05:24 UTC -6:00 Pr					
		ION PLAN SOFT		194 Printed	12/09/2	2019 16	5:36 l	UTC -6:00		71 of	82			© TRG

ICS 208 - Site Safety Plan Incident Name: South 4 Group Fire					Ve	rsion Name: 12/08/	l9 - Site PPE Requir	ements Safety Plan
Incid	ent Name: South	4 Group Fire				Period: Period 12	2 [12/10/2019 06:00	- 12/12/2019 06:00]
Incid	ent Commander	Hollier, Kurt		b) (6)	Ope Chie	rations Section f	Williams, James	(b) (6)
Safe	ty Officer	Clifton, Chri	sy (b) (6)				
				Emerge	ency F	Plan		
х	Fire Prevention	Plan	х	Evacuation Plan	ì			
	Alarm System			First Aid Location	n			
			,	Notifi	catio	15		
	Facility			Phone		Facility		Phone
x	Hospital	Medical Co	enter of	409-853-5900	х	Fire	Port Neches Fire Dept	409-853-5900
x	Ambulance	Acadian E	MS	409-980-7740		Law Enforcement		
x	Air Ambulance	Acadian A	ir Med	409-980-7740		Emergency Response/Rescu e		
				Initial	Briefi	ng	1	
	Initial safety brie	fing prepared	for each s	ite				
				Attachment	s/App	endices		
Atta	chment			Filename				
PPE	Guideline Plan 12		X	PPE Guideline	Plan	12.07.2019.docx		
ics :	208 - Site Safety I	Plan			Pr	epared By Chrisy Clift	on, Updated 12/08/201	9 05:24 UTC -6:00 PP
INCIE	ENT ACTION PLAN SO	FTWARE™ Pi	rinted 12/09/2	019 16:36 UTC -6:00		72 of 82		© TRG

ICS 208 - Site Safety Plan Incident Name: South 4 Group Fire						Version Nar	ne: 12/0)8/19	- Site Visitor Require	ments Safety Plan	
Incide	nt Naı	me: South 4 Grou	ıp Fire				Period: P	eriod 1	2 [12/	10/2019 06:00 - 12/1	2/2019 06:00]
Applie	es to S	ite: Visitors									•
						Site Chara	cterization				
Wate	r		Lan	d			Weathe	r			
Wave	Heig	ht	Lan	d Use			Air Tem	р			
Spee	d						Wind Sp	oeed			
Direc	tion						Directio	n			
						Site Ha	azards				
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards	
	x	Boat Safety		x		Fire, Explo	osion, In-situ		x	Pump Hose	
П	х	Chemical Hazar	ds		x	Heat Stres	SS	x		Slips, Trips, and Fa	alls
H	x	Cold Stress		H	X		Operations		x	Steam and Hot Wa	
	x	Confined Space	S		x	Lifting		+	x	Trenching/Excavat	ion
一一	x	Drum Handling		$ar{\Box}$	x	Motor Veh	icles	$+\overline{\Box}$	x	UV Radiation	
H	x	Equipment Oper	rations	一	x	Noise		$+ \overline{\Box}$	x	Visibility	
	x	Electrical Opera			x	Overhead	/Buried Utilities	$f \bar{f}$	x	Weather	
x		Fatigue			x	Plants/Wil	s/Wildlife				
							ring Limits			1	
Oxyg	en Lev	/el	19.5% 21.5			Sulfide		Т	otal F	lydrocarbons	
LEL				0 Ber	nzene						
						Engineerin	g Controls	1			l
	Source	ce of release secu	ıred		Valve	(s) closed		Τ	Energ	gy sources locked/ta	gged out
x	Site s	secured		x	Facili	ty shut dow	n				
				Pers	onal I	Protective I	Equipment Requ	uired			
	Impe	rvious suit		x	Hard	hats		x	Boots		
	Inner	gloves		x	Resp	irators		x	Potential for Resp Prot		
	Oute	gloves		x	Eye p	rotection					
х	Flam	e resistant clothin	g		Perso	nal flotation	า				
				Addi	itional	Control M	easures Establi	shed			
х	Deco	ntamination		x	Illumi	nation		Τ□	Addit	ional stations establ	shed
x	Sanit	ation			Medic	cal surveilla	nce		Facili	ties provided	
					1	Work	Plan		<u> </u>		
П	Boon	ning			Exca	vation		ΤП	Hot w	vork	
	Skim	ming			Heav	y equipmen	t		Appro	opriate permits used	
	Vac t	rucks			Sorbe	ent pads					
	Pump	ping			Patch	iing					
	J				Trail	ning		L			
		ed site workers tra atory requirement		cal/fed	eral	Training Requirem	ents				
ICS 2	08 - S	ite Safety Plan					Prepared By Chrisy Clifton, Updated 12/08/2019 10:39 UTC -6:00 P				39 UTC -6:00 PP
INCID	ENT ACT	ION PLAN SOFTWARE	:™ Printed :	12/09/20:	19 16:36	UTC -6:00	73 of 82 © TRG				

ICS	ICS 208 - Site Safety Plan Incident Name: South 4 Group Fire						Version Name: 12/	08/19 - Site Visitor R	tequirements Safety Plan				
Incid	ent Name: South 4	4 Group F	ire				Period: Period '	12 [12/10/2019 06:00	- 12/12/2019 06:00]				
					Organ	izatio	on						
Posit	tion	Name		7	elephone/Radio	Posi	tion	Name	Telephone/Radio				
Incid	ent Commander	McDona	ald, Scott	(t) (6)	Ope Chie	rations Section f	Holley, Chad	(b) (6)				
Incid	ent Commander	Hollier,	Kurt	<u>(</u> t) (6)	Ope Chie	rations Section f	Williams, James	(b) (6)				
Safe	ty Officer	Clifton,	Chrisv	(t	o) (6)		<u>- </u>						
	- y	,			Emerge	ncv F	Plan						
x	Fire Prevention F	Dlan			Evacuation Plan		- I	T					
		Iali		X	First Aid Location								
	Alarm System				1								
	-				Notific	atioi							
	Facility				Phone		Facility		Phone				
x	Hospital	SETX		of 	409-853-5900	X	Fire	Port Neches Fire Dept	409-853-5900				
х	Ambulance	Acadia	an EMS		409-980-7740		Law Enforcement						
x	Air Ambulance	Acadia	an Air Med	l	409-980-7740	409-980-7740							
					Initial I	Briefi	ng						
П	Initial safety brief	fing prepa	red for ea	ch si	te								
		<u> </u>			Attachments	s/App	endices						
Atta	chment				Filename								
					Site Orientation	Log							
	Orientation Log.xls 	•X 			Visitor Log.xlsx		XISX						
Site '	Visitor Requiremer	nts.docx			Site Visitor Requirements.docx								
	Orientation 12.20		nnt		PNO Orientation 12.2019 FINAL.ppt								
1 140	Offentation 12.20	101 IIVAL	ppt		I NO Officiatio	11 12.4	EO 19 1 IIVAL.PPI						
	208 - Site Safety F	Υ	Deint- 440	/00/20	10.16-26 UTC - 0:00	Pr	epared By Chrisy Cli	fton, Updated 12/08/20	19 10:39 UTC -6:00 РР © ТRG				
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ics 2	208 -	Site Safety Pl	an				Version Nam	ne: 12/08	/19 - E	Baker Risk Debris Assessment Blk	
Incident Name: South 4 Group Fire Period: Period 12 [12/10/2019 06:00 - 12 Applies to Site: Baker Risk Assessment Blk 17									10/2019 06:00 - 12/12/2019 06:00]		
Applie	s to S	te: Baker Risk A	ssessm	ent Blk 17							
						Site Chara	cterization				
Water				 Land			Weath	er			
Wave	Heigh	nt	l	Land Use			Air Tei	am			
Speed	_						Wind S	•			
Direct							Directi	-			
<u> </u>						Site Ha					
Yes	No	Hazards		Yes	No	Hazards	124143	Yes	No	Hazards	
	X	Boat Safety		x		Heat Stres		x		Steam and Hot Water	
x		Chemical Hazard	de e		x		Operations		x	Trenching/Excavation	
X		Cold Stress	<u>.</u>		X	Lifting	Operations		X	UV Radiation	
	x	Confined Spaces	•	X		Motor Veh	icles		X	Visibility	
౼		Drum Handling	•	X		Noise	10163			Weather	
<u> </u>	x	Equipment Oper	ations	X			Buried Utilities	x	x	Work Near Water	
				X		Plants/Wile			X	Debris	
	X	Electrical Operat	.10115		X	Pump Hos		x		Debits	
X		Fire, Explosion,	In citu		X	•	s, and Falls				
X		Burning	III-Silu	X		Slips, Hips	s, and Falls				
	Air Monitoring Limits										
Oxyge	xygen Level 19.5% - Hydrogen Sulfide Total Hydrocarbons										
			2	20.5%							
LEL				0 Ber							
							g Controls		т		
	Sourc	e of release secu	red			(s) closed			Energ	gy sources locked/tagged out	
x	Site s	ecured		x	Facili	ty shut dow	n				
				Pers	onal I	Protective I	Equipment Red	quired			
	Imper	vious suit		x	Hard	hats		x	Boots	6	
	Inner	gloves		х	Resp	irators		x	APR	w/organic cartridge	
X	Outer	gloves		x		rotection					
x	Flame	resistant clothing	9		Perso	onal flotation	า				
				Addi	tiona	Control M	easures Estab	lished			
X	Decor	ntamination		x	Illumi	nation			Addit	ional stations established	
X	Sanita	ation			Medi	cal surveilla	nce		Facili	ties provided	
						Work	Plan				
	Boom	ing			Exca	vation			Hot w	vork	
	Skimr	ning			Heav	y equipmen	t		Appro	opriate permits used	
	Vac tr	ucks			Sorb	ent pads					
	Pump	ing			Patch	ing					
						Traii	ning				
		d site workers tra tory requirements		r local/fede	eral	Training Requirem	Site Orie ents	entation			
	~~~~										
ICS 20	)8 - Si	te Safety Plan					Prepared By 0	Chrisy Clif	ton, Up	odated 12/08/2019 13:54 UTC -6:00 PP	
INCIDE	NT ACT	ON PLAN SOFTWARE	Prit	nted 12/09/201	9 16:36	UTC -6:00	75 of 82 © TRG				

ics	208 - Site Safe	ty Plan			Ve	rsion Name: 12/0	)8/19 - Baker Risk	Debris Assessment Blk 17
Incide	ent Name: South 4	Group Fire				Period: Period	12 [12/10/2019 06	6:00 - 12/12/2019 06:00]
				Organ	izatio	n		
Posit	ion	Name	-	Telephone/Radio	Posi	tion	Name	Telephone/Radio
Incid	ent Commander	McDonald, Scott		(b) (6)	Safe	ty Officer	Grissom, Billy	(b) (6)
Incid	ent Commander	Hollier, Kurt		(b) (6)	Oper Chie	rations Section f	Holley, Chad	(b) (6)
Safet	y Officer	Clifton, Chrisy	(	(b) (6)	Ope Chie	rations Section f	Williams, James	s (b) (6)
				Emerge	ncy F	Plan Plan		
x	Fire Prevention F	Plan	х	Evacuation Plan				
H	Alarm System		H	First Aid Locatio	n			
				Notific	atior	ıs		
	Facility			Phone		Facility		Phone
x	Hospital	Medical Center	of	409-853-5900	x	Fire	Port Neches Fi	
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement		
x	Air Ambulance	Acadian Air Me	ed	409-980-7740		Emergency Response/Res	cu	
					7	e		
	Initial safety briefi			Initial L	<i></i>	'ig		
ICS 2	208 - Site Safety P	lan			Pro	epared By Chrisy C	lifton, Updated 12/08	8/2019 13:54 UTC -6:00 PP
	ENT ACTION PLAN SOF	Υ	12/09/2	:019 16:36 UTC -6:00		76 of 82		© TRG

ICS 208 - Site Safety Plan							Version Name: 12/07/19 - FLIR Camera Use in Block 10					
Incident Name: South 4 Group Fire Applies to Site: Block 10 West of Process Unit							Period: F	Period 1	2 [12/	10/2019 06:00 - 12/1	2/2019 06:00]	
Appli	es to S	ite: Block 10 We	st of Proces	s Unit								
						Site Chara	cterization					
Wate Wave Spee Direc	Heigl	ht	Lan Lan	d d Use			Weathe Air Tem Wind S Directio	ip peed				
				,		Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards		Yes	No	Hazards		
	x	Boat Safety		x		Burning	osion, In-situ		x Pump Hose			
х		Chemical Hazar	ds 	x		Heat Stres		X		Slips, Trips, and Fa		
	x	Cold Stress			X		Operations	X		Steam and Hot Wa		
	x	Confined Space	'S	x		Lifting		$\perp \perp$	x	Trenching/Excavat	ion 	
lacksquare	x	Drum Handling		x	$\perp \perp$	Motor Veh	icles	$\perp \perp$	x	UV Radiation		
x		Equipment Ope		x		Noise	/P	14	x	Visibility		
	x	Electrical Opera	tions	x			/Buried Utilities	<del>     </del>	X			
x		Fatigue			x	Plants/Wil			x	Work Near Water		
Oxygen Level 19.5% 21.5				5%	droger	Sulfide	ring Limits	Total Hydrocarbons				
LEL			2 pp	m Be								
	T-				<del></del>		g Controls	T —	I			
Ш		ce of release secu	ured		_	e(s) closed			Ener	gy sources locked/ta	gged out	
x	Site s	ecured		x	1	ty shut dow						
	Τ.			T	<del></del>		Equipment Req	-T	Ι			
	<u> </u>	vious suit		x	Hard			x	Boots			
Ш	1	gloves		X	-	irators		x	SCB	4		
	-	gloves	~	X	- '	orotection onal flotation						
x	riaiii	e resistant clothin	<u>y</u>	<u>                                    </u>			' easures Establi	inhad.				
	Dooo	ntamination		T	·		easures Establi	Sileu	Vadit	ional stations establ	shod	
x Decontamination x Sanitation			x Illumination  Medical surveillance			nce		Additional stations established Facilities provided				
_	Carne	ution			IVICAN	Work		1 📙	i dom	nico provided		
	Boom	nina		Ιп	Excar	vation	, , , , , ,	ТП	Hot w	/ork		
	Skim	-		x		y equipmen	ŧ			opriate permits used		
	Vac t	9				ent pads		x		lating Diesel Manlift		
ii	Pump				Patch	•				, and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second		
	1			1 .		Trail	nina		<u> </u>			
		ed site workers tra tory requirement		cal/fed	eral	Training Requirem						
						·····						
ICS 2	08 - S	ite Safety Plan					Prepared By Cl	nrisy Clif	ton, Up	odated 12/09/2019 05:3	36 UTC -6:00 PP	
INCID	ENT ACT	ION PLAN SOFTWARE	Printed:	12/09/20	19 16:36	UTC -6:00	77 of 82 © TRG					

ICS	208 - Site Safe	ty Plan				Version Name	: 12/07/19 - FLIR Can	nera Use in Block 10				
Incide	ent Name: South 4	Group Fire			Period: Period 12 [12/10/2019 06:00 - 12/12/2019							
				Organ	izatio	on						
Posit	ion	Name	7	elephone/Radio	Posi	tion	Name	Telephone/Radio				
Incide	ent Commander	McDonald, Scott	<u>(</u> t	o) (6)	Ope Chie	rations Section f	Holley, Chad	(b) (6)				
Incid	ent Commander	Hollier, Kurt	(b	o) (6)	Safe	ty Officer	Keys, Chad	(b) (6)				
Safet	y Officer	Clifton, Chrisy	(k	o) (6)	Ope Chie	rations Section f	Bradley, Luther	(b) (6)				
				Emerge	ncy F	Plan						
x	Fire Prevention F	Plan	x	Evacuation Plan	)							
	Alarm System			First Aid Location	n							
				Notifi	cation	าร						
	Facility			Phone		Facility		Phone				
x	Hospital	Med Center of	SETX	409-853-5900	X	Fire	Port Neches Fire Dept.	409-853-5900				
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement						
x	Air Ambulance	Acadian Air Me	d	409-980-7740	Emergency Response/Resc		cu					
				Initial	Briefi	ng						
	Initial safety brief	ing prepared for e	ach si									
	-			Attachments	s/App	endices						
Attac	hment			Filename								
12.09	0.2019 FLIR Came	ra Use in Block 10	 )	12.09.2019 FLI	R Cai	mera Use in Blocl	c 10 Safety.docx					
ICS 2		Plan			Pro	epared By Chrisy C	lifton, Updated 12/09/20	19 05:36 UTC -6:00 PF				
	ENT ACTION PLAN SOF	Υ	2/09/20	19 16:36 UTC -6:00	1	78 of 82		© TRG				

ics :	208 -	Site Safety P	lan				Version	n Name: 1	2/09/1	9 - Sc	affold Building- TK [	DEHA Injection	
Incide	nt Naı	me: South 4 Groເ	ıp Fire					Period: Pe	eriod 1	2 [12/	10/2019 06:00 - 12/	12/2019 06:00]	
Applie	s to S	ite: Scaffold Buil	ding- TK DEI	HA In	jection								
						Site Chara	cterizat	ion					
Wateı	•		Lanc	ł				Weather					
Wave	Heigl	nt	Land	l Use				Air Temp	•	81 Fa	hrenheit		
Speed	k							Wind Sp		12 m	oh		
Direc	tion							Direction	1	SW			
	Ι	T				Τ	azards				T		
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards		
	x	Boat Safety		X		Heat Stres				x	Steam and Hot Wa		
X Chemical Hazards				x	Helicopter	r Operati	ions		x	Trenching/Excavat	ion		
	X	Cold Stress	_	X		Lifting	.ialaa			x	UV Radiation		
	X	Confined Space  Drum Handling	ss		X	Motor Veh Noise	ncies			x	Visibility Weather		
	x	Equipment Ope	rations	X	x	Overhead	/Ruried	l Itilitiae	X	x	Work Near Water		
X		<u> </u>			X	Plants/Wil		Othides	x		Fall from elevation		
x	<ul><li>x Electrical Operations</li><li>x Fatigue</li></ul>				X	Pump Hos			X		Pinch Points		
	x	Fire, Explosion,	In-situ	x		Slips, Trip		alls			1 mon r omto		
	[X]	Burning											
						Air Monito	ring Lin	nits					
			19.5% 21.59	, ,	, , ,					Total H	lydrocarbons		
minute			5% for 15 minutes Action lim	s				Butadie			ene	0.5ppm (respirator)	
			<u> </u>			Engineerin	ig Conti	rols					
	Sourc	ce of release secu	ured		Valve	(s) closed				Energ	gy sources locked/ta	gged out	
х	Site s	ecured		X	Facili	ty shut dow	'n						
				Pers	sonal l	Protective	Equipm	ent Requ	ired				
	Impe	rvious suit		x	Hard	hats			х	Boots	}		
	Inner	gloves		X	Resp	irators			X	Harness with Lanyard (Fall arrest system)			
х	Outer	gloves		x	x Eye protection				х	High	concentration = SCBA		
x Flame resistant clothing			ıg		Personal flotation				X	Low concentration = APR with orga vapor			
				Ada	itional	Control M	leasure:	s Establis	hed				
	Deco	ntamination		x	Illumi	nation				Addit	ional stations establ	ished	
x Sanitation				Medie	cal surveilla	ince		х	Facili	ties provided			
	·····				···p·····	Work	Plan						
П	Boon	ning			Exca	vation				Hot w	ork .		
	Skimi					y equipmer	nt			'	ppriate permits used		
	Vac t					ent pads			х	Buildi	9		
	Pump	ping	1		Patch	ning			х	Climb	ing		
ICS 2	08 - S	ite Safety Plan					Prepar	ed By Clay	ton Do	rsa, Up	dated 12/09/2019 15:	59 UTC -6:00 PP	
INCIDE	NT ACT	ION PLAN SOFTWARE	Printed 1	2/09/20	19 16:36	UTC -6:00	79 of 82 (C) TRG						

ICS	208 - Site Safe	ety Plan			Ver	sion Name: 12/09/1	9 - Scaffold Building	- TK DEHA Injection				
Incide	ent Name: South 4	Group Fire			Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00]							
				Tra	ining							
	Verified site work regulatory require		cal/fec	leral Training Requiren	nents							
				Orgar	izatio	on						
Positi	ion	Name	7	elephone/Radio	Posi	tion	Name	Telephone/Radio				
Incide	ent Commander	Hollier, Kurt	(!	o) (6)	Safe	ty Officer	Clifton, Chrisy	(b) (6)				
Opera Chief	ations Section	Williams, James	s (	0) (6)	Safe	ty Officer	Dorsa, Clayton	(b) (6)				
Incide	ent Commander	McDonald, Scot	tt (	o) (6)	Ope Chie	rations Section f	Holley, Chad	(b) (6)				
				Emerge	ncy F	Plan						
x	Fire Prevention F	Plan	x	Evacuation Plan								
	Alarm System			First Aid Location	n							
				Notific	catio							
	Facility			Phone		Facility		Phone				
x	Hospital		f SETX	409-853-5900	X	Fire	Port Neches Fire Dept	409-853-5900				
x	Ambulance	Acadian EMS		409-980-7740		Law Enforcement						
X	Air Ambulance	Acadian Air M	ed	409-980-7740		Emergency Response/Rescu	1					
				Initial	Rriefi	1-						
	Initial safety brief	fing prepared for	each s			9						
				Attachments	s/App	endices						
Attac	hment			Filename								
Scaff	old Building for DE	EHA Tanks Safet	V	Scaffold Buildir	ng for	DEHA Tanks Safet	y Plan.docx					
Plan.	docx											
ICS 2	08 - Site Safety F	Plan		••••••	Pre	pared By Clayton Do	rsa, Updated 12/09/20 [,]	19 15:59 UTC -6:00 PP				
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	12/09/20	19 16:36 UTC -6:00		80 of 82		© TRG				

Incident Name: South 4 Group Fi	ire			Period: Period 12 [12/10/2019 06:00 - 12/12/2019 06:00								
Sunrise			Sunset	Ready Alert Aircraft								
12/10/2019 06:59		12/1	0/2019 17:16	Medivac	-							
Remarks (safety notes, haz	zards, air	operations spe	cial equipment, etc)	New Incident								
ALL AIR OPERATIONS ARE DE				Тетр	oorary Flight Restriction Num	iber:						
DURING ADVERSE CONDITION WITH 30 MIN RESPONSE REQI			MAIN ON STANDBY	Altitude 2000								
WITH OU WING TREAT	OII (EIVIEI )			Center Point 29.976815, -	93.947531							
					Frequencies							
Air Operations requests for curre Air Operations Group Supervisor Priority to Life Safety or Environn	and appr	oved by the Ope		Frequency / Function	AM	FM						
Flight requests for future operation by noon. These flights will be addapproval.												
The ICS 220 - Air Operations Sur operations for the IAP.	mmary wil	ll be used to doc	ument approved air									
Operations to assist response pe incident site to determine tactics												
Heed all directions from emergen landing sites due to number of po observation on smoke plume and	ower lines	IVO incident loc	ation. Keep continuous									
	Perso	onnel										
Position \( \Lambda	lame		Phone									
Air Ops Group Supervisor A (Data Collection)	llen, Bryc	e	(b) (6)									
Unmanned Aircraft Pilot in B Command	Barrett, Bla	nke	832-622-8136									
Visual Observer B	Berg, Nola	n	(b) (6)									
CS 220 - Air Operations Summ	ary			Prepa	ared By Air Operations, Updated 12							

Incident Name: S	South 4 Group Fire					Р	eriod: Period 1	2 [12/10	0/2019 06:00 - 12/12/2019 06:
			Fixed-Wing A	Vircraft					
FAA N#	Category	Make/Model	Base	1	Availa	able	Start	Rem	arks
ASPECT	Single Engine		BPT		12/08/2019 08:00			EPA	Aircraft
			Helicopte	ers					
FAA N#	Category	Make/Model	Base	,	Availa	able	Start	Rem	arks
A3WNXXPCY	sUAV	Phantom 4 Pro V2	Incident Command		11/28 06:00	3/2019 )	12/08/2019 07:00	PIC -	- D. Lindsey
FA3HCFMKEH	sUAV	Matrice 210v2 RTK	Incident Command		11/29 06:00	)/2019 )	12/08/2019 06:00		
FA34CL9AA3	sUAV	Matrice M600	Incident Command		11/29 06:00	)/2019 )	12/08/2019 06:00		
			Task / Mission / A	ssignment					
unction		Name of Personnel or Ca Tactical Aircraft	Mission Start   Fly To			Fly From			
R Thermal Surv	ey	Perform IR flight over Blo of interest.	12/08/2019 Incident Location 07:30		Recommended Safe Distance				
Aerial Observatio	on	Aerial Observation and in waterway Divisions A-E.	12/08/2019 Division E 14:00				Division A		
R Tank Survey		Perform IR Flights for tan levels.	12/08/2019 Tank Blo 16:00			cks		Recommended Safe Distance	
Aerial Observation	on	Aerial Observation and in incident location.	12/09/2019 Incident I 11:00		Location		Recommended Safe Distance		
		incident location.		11:00					

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